*Statistics of*

# FARMER COOPERATIVES

*1960-1961*

by Anne L. Gessner

FARMER COOPERATIVE SERVICE•U.S. DEPARTMENT OF AGRICULTURE•JULY 1963

General Report 112

The Farmer Cooperative Service conducts research studies and service activities of assistance to farmers in connection with cooperatives engaged in marketing farm products, purchasing farm supplies, and supplying business services. The work of the Service relates to problems of management, organization, policies, merchandising, product quality, costs, efficiency, financing, and membership.

The Service publishes the results of such studies; confers and advises with officials of farmer cooperatives; and works with educational agencies, cooperatives, and others in the dissemination of information relating to cooperative principles and practices.

FARMER COOPERATIVE SERVICE

U. S. Department of Agriculture, Wash. 25, D. C.

Joseph G. Knapp, Administrator

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# *Statistics of* FARMER COOPERATIVES *1960-1961*

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This report provides detailed information on the number of cooperatives and their memberships by geographic areas, State locations, and commodity and functional types. It also contains information on the gross (includes intercooperative business) and net (excludes intercooperative business) dollar volumes of cooperatives broken down according to geographic areas and States and commodity and functional types.

All survey data in this report beginning with the year 1950-51 include information for Alaska and Hawaii, with the exception of the tabulations covering geographic areas only and appendix table 1 that are footnoted to indicate exclusion of data for these two States.

The procedures and period of time required in obtaining and summarizing information in the survey are explained in the appendix, page 68.

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# Highlights

The 1960-61 survey of farmer marketing, farm supply, and related service cooperatives showed an increase in total dollar volume, a small decrease in the total number of memberships, and a continuation of the downward trend in the total number of cooperatives.

Total gross value of farm products marketed, farm supplies handled, and receipts for services performed by cooperatives amounted to almost $16.2 billion. This was an increase of 3.5 percent over the $15.6 billion in 1959-60.

Total net volume, after excluding inter-association business, amounted to more than $12.4 billion. This represented an increase of 3.1 percent over the $12 billion of the previous year.

Total number of memberships decreased by 70,560 and amounted to 7,202,895 in 1960-61. The continuing downward trend in number of memberships has been attributed primarily to the steadily declining number of farmers in the United States.

The total number of cooperatives in the survey decreased from 9,345 in 1959-60 to 9,163 in 1960-61. This was a net decrease of 182 associations. For several years the number of cooperatives has continued to decline, reflecting the trend in reorganizations involving mergers, consolidations, and acquisitions.

The gross value of farm products marketed by cooperatives amounted to more than $12.14 billion. This represented an increase of 3.8 percent over the total gross volume of almost $11.7 billion in 1959-60.

The net value of these farm products, after eliminating duplication resulting from intercooperative business, was more than $9.6 billion. This represented an increase of almost 3.3 percent over the comparable figure of $9.3 billion in the previous year.

The gross value of farm supplies handled by farmer cooperatives amounted to more than $3.74 billion in 1960-61 compared with almost $3.66 billion in the previous year. This was an increase of 2.3 percent. The net value of these supplies, after eliminating duplication resulting from business between cooperatives, amounted to more than $2.47 billion. This represented an increase of almost 2.7 percent over the $2.41 billion in 1959-60.

Receipts for services related to marketing farm products and handling farm supplies amounted to $306 million--an increase of 2.5 percent over 1959-60.

Slightly more than 94 percent of all of the 9,163 cooperatives included in the 1960-61 survey voluntarily furnished information on their operations.

FIG. 1 - NUMBER OF COOPERATIVES 1960-61


# Cooperatives and Memberships

The total number of marketing, farm supply, and related service cooperatives included in the 1960-61 survey decreased to 9,163 compared with 9,345 in the 1959-60 survey. The total number of memberships in these cooperatives decreased by 70,560 and amounted to 7,202,895 compared with 7,273,455 in the previous survey.

## NUMBER OF COOPERATIVES

The total number of 9,163 marketing, farm supply, and related service cooperatives in the 1960-61 survey represented a decrease of 182 associations or less than 2 percent of the total of 9,345 associations in the previous year.

Much of this decrease is due to the continued trend toward more reorganizations involving consolidations, mergers, and acquisitions among cooperatives. The downward trend in the number of farmer cooperatives has reflected such reorganizations during the past several years.

The number was also reduced by the removal from the survey lists of the names of a few associations that failed to supply any information on their operations in the last 5 years although Farmer Cooperative Service had made periodic requests for such information. This is in line with an established policy that if no information can be obtained from or about an association over a 5-year period, it is considered to be inactive or to have liquidated and the name is removed from the survey list.

The decrease of 182 associations was a net figure inasmuch as some cooperatives were included in the 1960-61 survey for the first time in any of these annual surveys. Most of these associations were newly organized. However, a few associations that had been organized in earlier years were included for the first time because information on their cooperative status had only recently been obtained by Farmer Cooperative Service. Until the bona fide cooperative status of an organization (marketing, farm supply, or related service) can be established by its own response or, in a very limited number of cases, through other reliable sources, the organization cannot be included in the annual survey of farmer cooperatives.

The related service cooperatives included in this survey were associations performing activities related to marketing and farm supply purchasing. These

activities included trucking, storage, grinding, and similar services affecting the form, quality, or location of farm products and supplies handled by cooperatives. They did not include credit, electric, dairy herd improvement, artificial breeding, or other types of cooperatives performing services for farmers.

The classification of cooperatives for purposes of the annual survey is discussed in the appendix, pages 65-67.

The statistics in this report were based on current information furnished by 94 percent of all cooperatives included in the 1960-61 survey. Percentage of participation in this survey is shown for cooperatives in each commodity and functional group in appendix table 2.

Table 1 shows that marketing cooperatives increased their percentage of the total number of cooperatives from 62.3 percent to 62.5 percent. Farm supply cooperatives decreased slightly from 35.3 percent to 35.2 percent and service associations decreased from 2.4 percent to 2.3 percent. The proportion of the total number represented by each of the functional groups in 1960-61 appears in figure 1.

In reviewing the percentages shown in table 1, it is important to keep in mind that in each annual survey some cooperatives are reclassified because of changes in the commodity group or service that represents the major portion of their dollar volumes.

Each cooperative is classified in table 2 according to the commodity that consistently represents the largest percentage of its dollar volume of business. This method of classification reflects changes in the operations of reporting cooperatives to the extent that they can be measured according to dollar volume.

Minnesota continued to rank first in total number of cooperatives with 1,159 associations; Wisconsin remained in second place with 688 associations; and

Table 1. - *Number of marketing, farm supply, and related service cooperatives, 1950-51 to 1960-61*

| Period[1] | Marketing | | Farm supply | | Service | | Total | |
|---|---|---|---|---|---|---|---|---|
| | *Number* | *Percent* | *Number* | *Percent* | *Number* | *Percent* | *Number* | *Percent* |
| 1950-51 | 6,519 | 64.8 | 3,283 | 32.6 | 262 | 2.6 | 10,064 | 100.0 |
| 1951-52 | 6,594 | 64.8 | 3,324 | 32.6 | 261 | 2.6 | 10,179 | 100.0 |
| 1952-53 | 6,501 | 64.2 | 3,378 | 33.4 | 249 | 2.4 | 10,128 | 100.0 |
| 1953-54 | 6,457 | 64.1 | 3,374 | 33.5 | 241 | 2.4 | 10,072 | 100.0 |
| 1954-55 | 6,330 | 63.9 | 3,346 | 33.8 | 227 | 2.3 | 9,903 | 100.0 |
| 1955-56 | 6,284 | 63.5 | 3,375 | 34.1 | 235 | 2.4 | 9,894 | 100.0 |
| 1956-57 | 6,284 | 63.5 | 3,373 | 34.1 | 234 | 2.4 | 9,891 | 100.0 |
| 1957-58 | 6,119 | 62.8 | 3,383 | 34.8 | 233 | 2.4 | 9,735 | 100.0 |
| 1958-59 | 6,042 | 62.5 | 3,387 | 35.1 | 229 | 2.4 | 9,658 | 100.0 |
| 1959-60 | 5,828 | 62.3 | 3,297 | 35.3 | 220 | 2.4 | 9,345 | 100.0 |
| 1960-61[2] | 5,727 | 62.5 | 3,222 | 35.2 | 214 | 2.3 | 9,163 | 100.0 |

[1]For years prior to 1950-51, see appendix table 5.
[2]Preliminary.

Table 2. - Number[1] and estimated memberships[2] of farmer marketing, farm supply, and related service cooperatives, 1960-61[3]

(Classified according to major product handled or function performed.)

| Geographic division and State | Beans and peas (dry edible) | | Cotton and cotton products | | Dairy products | | Fruit and vegetable | | Grain[4] | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Cooperatives listed | Estimated memberships | Cooperatives listed | Estimated memberships | Cooperatives listed | Estimated memberships | Cooperatives listed | Estimated memberships | Cooperatives listed | Estimated memberships |
| | *Number* | | | | | | | | | |
| Maine | - | - | - | - | 2 | 2,005 | 7 | 4,105 | - | - |
| New Hampshire | - | - | - | - | 4 | 950 | 2 | 525 | - | - |
| Vermont | - | - | - | - | 14 | 7,490 | - | - | - | - |
| Massachusetts | - | - | - | - | 8 | 1,845 | 2 | 685 | - | - |
| Rhode Island | - | - | - | - | 1 | 1,105 | - | - | - | - |
| Connecticut | - | - | - | - | 5 | 1,745 | 2 | 50 | - | - |
| New England | - | - | - | - | 34 | 15,140 | 13 | 5,365 | - | - |
| New York | - | (5) - | - | - | 115 | 32,305 | 20 | 4,505 | 1 | (6) |
| New Jersey | - | - | - | - | 3 | 2,015 | 17 | 3,270 | - | - |
| Pennsylvania | - | - | - | - | 42 | 22,475 | 16 | 2,515 | - | - |
| Middle Atlantic | - | - | - | - | 160 | 56,795 | 53 | 10,290 | 1 | (6) |
| Ohio | - | - | - | - | 32 | 31,975 | [7]16 | 1,945 | 97 | 57,660 |
| Indiana | - | - | - | - | 15 | 18,040 | 3 | 580 | 36 | 87,400 |
| Illinois | - | - | - | - | 40 | 18,030 | 7 | 285 | 186 | 87,115 |
| Michigan | 3 | [5]3,425 | - | - | 25 | 27,725 | 21 | 6,035 | 27 | 18,090 |
| Wisconsin | - | - | - | - | 292 | 75,995 | 7 | 1,485 | 2 | 1,615 |
| East North Central | 3 | 3,425 | - | - | 404 | 171,765 | 54 | 10,330 | 348 | 251,880 |
| Minnesota | - | - | - | - | 406 | 109,080 | 5 | 540 | 219 | 128,315 |
| Iowa | - | - | - | - | 170 | 68,180 | 3 | 410 | 258 | 119,325 |
| Missouri | - | - | (8) | 3,610 | 13 | 16,675 | 7 | 365 | 30 | 26,380 |
| North Dakota | - | - | - | - | 32 | 18,005 | 2 | 165 | 289 | 100,220 |
| South Dakota | - | - | - | - | 35 | 15,540 | - | - | 142 | 67,065 |
| Nebraska | - | - | - | - | 20 | 36,945 | 1 | 215 | 181 | 81,870 |
| Kansas | - | - | - | - | 14 | 27,190 | 1 | 40 | 232 | 116,895 |
| West North Central | - | - | (8) | 3,610 | 690 | 291,615 | 19 | 1,735 | 1,351 | 640,070 |
| Delaware | - | - | - | - | (8) | 415 | 3 | 1,245 | - | - |
| Maryland | - | - | - | - | 3 | 3,645 | 3 | 475 | - | - |
| Virginia | - | - | - | - | 18 | 5,080 | [9]11 | 390 | 2 | 1,430 |
| West Virginia | - | - | - | - | 4 | 1,475 | 1 | 10 | - | - |
| North Carolina | - | - | [7]1 | 7,745 | 14 | 2,555 | 9 | 680 | - | - |
| South Carolina | - | - | 1 | 115 | 3 | 565 | 5 | 895 | - | - |
| Georgia | - | - | 4 | 70,250 | 11 | 695 | 3 | 170 | - | - |
| Florida | - | - | (8) | 17,550 | 9 | 355 | 65 | 15,685 | - | - |
| South Atlantic | - | - | 6 | 95,660 | 62 | 14,785 | 100 | 19,550 | 2 | 1,430 |
| Kentucky | - | - | - | - | 6 | 4,570 | 8 | 1,510 | 1 | 2,970 |
| Tennessee | - | - | 2 | 8,415 | 6 | 7,660 | 6 | 2,105 | (8) | 20 |
| Alabama | - | - | 5 | 39,950 | 1 | 35 | 3 | 190 | - | - |
| Mississippi | - | - | 48 | 27,020 | 6 | 3,090 | 1 | 300 | 6 | 425 |
| East South Central | - | - | 55 | 75,385 | 19 | 15,355 | 18 | 4,105 | 7 | 3,415 |
| Arkansas | - | - | [7]34 | 6,780 | 1 | 1,300 | 6 | 905 | 4 | 7,625 |
| Louisiana | - | - | 5 | 4,260 | 5 | 1,575 | 8 | 955 | - | - |
| Oklahoma | - | - | 55 | 69,110 | 5 | 12,165 | 2 | 50 | 81 | 51,330 |
| Texas | - | - | [7]313 | 96,715 | 9 | 5,735 | 15 | 3,030 | 61 | 24,345 |
| West South Central | - | - | 407 | 176,865 | 20 | 20,775 | 31 | 4,940 | 146 | 83,300 |
| Montana | (8) | [5]5 | - | - | 6 | 4,635 | 2 | 175 | 51 | 25,255 |
| Idaho | 1 | 1,655 | - | - | 10 | 11,900 | 6 | 2,610 | 9 | 5,400 |
| Wyoming | 2 | 1,775 | - | - | 1 | 675 | - | - | 4 | 1,910 |
| Colorado | 4 | [5]765 | - | - | 7 | 5,870 | 20 | 2,035 | 24 | 15,120 |
| New Mexico | 1 | 195 | 23 | 6,140 | 1 | 260 | 5 | 210 | 2 | 2,380 |
| Arizona | - | - | 4 | 7,690 | 3 | 400 | 5 | 285 | - | - |
| Utah | - | - | - | - | 9 | 2,380 | 10 | 2,700 | 5 | 790 |
| Nevada | - | - | - | - | 3 | 100 | - | - | - | - |
| Mountain | 8 | 4,395 | 27 | 13,830 | 40 | 26,220 | 48 | 8,015 | 95 | 50,855 |
| Washington | 1 | 575 | - | - | 17 | 5,115 | 51 | 6,065 | 34 | 11,755 |
| Oregon | (8) | 80 | - | - | 24 | 8,460 | [9]24 | 4,840 | 15 | 5,555 |
| California | 3 | 1,175 | 36 | 10,225 | 28 | 4,125 | [7]251 | 33,305 | 3 | 1,375 |
| Pacific | 4 | 1,830 | 36 | 10,225 | 69 | 17,700 | 326 | 44,210 | 52 | 18,685 |
| TOTAL (48 States) | 15 | 9,650 | 531 | 375,575 | 1,498 | 630,150 | 662 | 108,540 | 2,002 | 1,049,635 |
| Alaska | - | - | - | - | 2 | 90 | - | - | - | - |
| Hawaii | - | - | - | - | - | - | 9 | 595 | - | - |
| UNITED STATES | 15 | 9,650 | 531 | 375,575 | 1,500 | 630,240 | 671 | 109,135 | 2,002 | 1,049,635 |

See end of table for footnote references.
Table continued on following page.

Table 2. - Number[1] and estimated memberships[2] of farmer marketing, farm supply, and related service cooperatives, 1960-61[3] - Continued

(Classified according to major product handled or function performed.)

| Geographic division and State | Livestock | | Nut[10] | | Poultry and poultry products | | Rice[7] | | Sugar products[11] | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Cooperatives listed | Estimated memberships | Cooperatives listed | Estimated memberships | Cooperatives listed | Estimated memberships | Cooperatives listed | Estimated memberships | Cooperatives listed | Estimated memberships |
| | Number | | | | | | | | | |
| Maine | - | - | - | - | 1 | 25 | - | - | - | - |
| New Hampshire | - | - | - | - | - | - | - | - | - | - |
| Vermont | - | - | - | - | - | - | - | - | - | - |
| Massachusetts | 1 | 510 | - | - | 1 | 5 | - | - | 1 | 100 |
| Rhode Island | - | - | - | - | - | - | - | - | - | - |
| Connecticut | - | - | - | - | 2 | 720 | - | - | - | - |
| New England | 1 | 510 | - | - | 4 | 750 | - | - | 1 | 100 |
| New York | 3 | 21,935 | - | - | 6 | 735 | - | - | 1 | 95 |
| New Jersey | 1 | 1,790 | - | - | 12 | 4,385 | - | - | - | - |
| Pennsylvania | 2 | 2,120 | - | - | 8 | 15,040 | - | - | - | - |
| Middle Atlantic | 6 | 25,845 | - | - | 26 | 20,160 | - | - | 1 | 95 |
| Ohio | 4 | 83,575 | - | - | 8 | 20,625 | - | - | 2 | 340 |
| Indiana | 4 | 68,545 | - | - | 1 | 15 | - | - | - | - |
| Illinois | 28 | 75,870 | - | - | 1 | 40 | - | - | - | - |
| Michigan | 7 | 22,390 | - | - | 4 | 1,415 | - | - | 7 | 3,390 |
| Wisconsin | 90 | 63,870 | - | - | 2 | 3,715 | - | - | 1 | 420 |
| East North Central | 133 | 314,250 | - | - | 16 | 25,810 | - | - | 10 | 4,150 |
| Minnesota | 154 | 110,140 | - | - | 12 | 2,790 | - | - | 3 | 305 |
| Iowa | 27 | 60,225 | - | - | 6 | 5,115 | - | - | 1 | 635 |
| Missouri | 5 | 35,920 | - | - | 2 | 100 | - | - | - | - |
| North Dakota | 30 | 24,785 | - | - | - | - | - | - | (8) | 100 |
| South Dakota | 3 | 14,425 | - | - | 9 | 4,420 | - | - | 1 | 120 |
| Nebraska | 3 | 32,020 | - | - | 3 | 1,820 | - | - | 3 | 1,790 |
| Kansas | 2 | 10,895 | - | - | - | - | - | - | 1 | 50 |
| West North Central | 224 | 288,410 | - | - | 32 | 14,245 | - | - | 9 | 3,000 |
| Delaware | - | - | - | - | - | - | - | - | - | - |
| Maryland | - | - | - | - | 1 | 20 | - | - | - | - |
| Virginia | 23 | 8,155 | 1 | 3,245 | 1 | 6,285 | - | - | - | - |
| West Virginia | 11 | 2,715 | - | - | (8) | 2,095 | - | - | - | - |
| North Carolina | 2 | 1,380 | (8) | 9,750 | 4 | 185 | - | - | - | - |
| South Carolina | 2 | 1,065 | (8) | 580 | 1 | 15 | - | - | - | - |
| Georgia | 1 | 4,200 | 1 | 18,500 | 5 | 150 | - | - | - | - |
| Florida | 2 | 800 | - | - | 4 | 150 | - | - | [9]2 | 110 |
| South Atlantic | 41 | 18,315 | 2 | 32,075 | 16 | 8,900 | - | - | 2 | 110 |
| Kentucky | 14 | 20,290 | - | - | 1 | 125 | - | - | 1 | 10 |
| Tennessee | 3 | 11,500 | (8) | 185 | - | - | - | - | - | - |
| Alabama | 6 | 7,845 | - | - | 1 | 400 | - | - | - | - |
| Mississippi | 1 | 24,950 | - | - | - | - | 3 | 140 | - | - |
| East South Central | 24 | 64,585 | (8) | 185 | 2 | 525 | 3 | 140 | 1 | 10 |
| Arkansas | 1 | 320 | - | - | 1 | 30 | 17 | 7,345 | - | - |
| Louisiana | (8) | 200 | - | - | - | - | 18 | 1,045 | 9 | 570 |
| Oklahoma | 1 | 27,160 | 1 | 3,310 | 1 | 130 | - | - | - | - |
| Texas | 4 | 9,695 | 1 | 4,450 | 6 | 250 | 18 | 2,475 | - | - |
| West South Central | 6 | 37,375 | 2 | 7,760 | 8 | 410 | 53 | 10,865 | 9 | 570 |
| Montana | 1 | 2,735 | - | - | - | - | - | - | 5 | 2,005 |
| Idaho | 7 | 1,885 | - | - | (8) | 200 | - | - | 11 | 4,425 |
| Wyoming | (8) | 1,395 | - | - | - | - | - | - | 2 | 720 |
| Colorado | 1 | 7,630 | - | - | 2 | 105 | - | - | 2 | 4,650 |
| New Mexico | (8) | 200 | - | - | - | - | - | - | - | - |
| Arizona | (8) | 185 | (8) | 15 | - | - | - | - | - | - |
| Utah | 2 | 2,850 | - | - | 4 | 2,520 | - | - | 9 | 4,185 |
| Nevada | (8) | 45 | - | - | - | - | - | - | - | - |
| Mountain | 11 | 16,925 | (8) | 15 | 6 | 2,825 | - | - | 29 | 15,985 |
| Washington | 4 | 935 | 1 | 195 | - | - | - | - | 1 | 1,325 |
| Oregon | 1 | 1,940 | 4 | 1,255 | 1 | 120 | - | - | 1 | 785 |
| California | 3 | 15,620 | [7]21 | 12,995 | 6 | 10,735 | 6 | 2,375 | 4 | 3,985 |
| Pacific | 8 | 18,495 | 26 | 14,445 | 7 | 10,855 | 6 | 2,375 | 6 | 6,095 |
| TOTAL (48 States) | 454 | 784,710 | 30 | 54,480 | 117 | 84,480 | 62 | 13,380 | 68 | 30,115 |
| Alaska | - | - | - | - | - | - | - | - | - | - |
| Hawaii | 2 | 50 | - | - | 1 | 45 | - | - | (8) | 25 |
| UNITED STATES | 456 | 784,760 | 30 | 54,480 | 118 | 84,525 | 62 | 13,380 | 68 | 30,140 |

See end of table for footnote references.
Table continued on following page.

Table 2. - Number[1] and estimated memberships[2] of farmer marketing, farm supply, and related service cooperatives, 1960-61[3] - Continued

(Classified according to major product handled or function performed.)

| Geographic division and State | Tobacco | | Wool and mohair | | Miscellaneous[12] | | Total marketing | |
|---|---|---|---|---|---|---|---|---|
| | Cooperatives listed | Estimated memberships[13] | Cooperatives listed | Estimated memberships | Cooperatives listed | Estimated memberships | Cooperatives listed | Estimated memberships |
| | *Number* | | | | | | | |
| Maine | - | - | 1 | 525 | - | - | 11 | 6,660 |
| New Hampshire | - | - | - | - | - | - | 6 | 1,475 |
| Vermont | - | - | - | - | - | - | 14 | 7,490 |
| Massachusetts | 1 | 45 | 2 | (6) | - | - | 16 | 3,190 |
| Rhode Island | - | - | - | - | - | - | 1 | 1,105 |
| Connecticut | (8) | 55 | - | - | - | - | 9 | 2,570 |
| New England | 1 | 100 | 3 | 525 | - | - | 57 | 22,490 |
| New York | - | - | 3 | 165 | 5 | 3,905 | 154 | 63,645 |
| New Jersey | - | - | - | - | 1 | 60 | 34 | 11,520 |
| Pennsylvania | - | - | 29 | 6,655 | 1 | 415 | 98 | 49,220 |
| Middle Atlantic | - | - | 32 | 6,820 | 7 | 4,380 | 286 | 124,385 |
| Ohio | (8) | 1,325 | 1 | 6,350 | 1 | 10 | 161 | 203,805 |
| Indiana | (8) | 1,405 | - | - | - | - | 59 | 175,985 |
| Illinois | - | - | (8) | 240 | 3 | 160 | 265 | 181,740 |
| Michigan | - | - | (8) | 140 | 3 | 215 | 97 | 82,825 |
| Wisconsin | 2 | 2,510 | 1 | 5,700 | 3 | 260 | 400 | 155,570 |
| East North Central | 2 | 5,240 | 2 | 12,430 | 10 | 645 | 982 | 799,925 |
| Minnesota | - | - | 1 | 12,750 | 2 | 30 | 802 | 363,950 |
| Iowa | - | - | (8) | 8,665 | 3 | 1,450 | 468 | 264,005 |
| Missouri | 1 | 1,000 | 2 | 5,540 | 1 | 435 | 61 | 90,025 |
| North Dakota | - | - | 4 | 2,675 | - | - | 357 | 145,950 |
| South Dakota | - | - | (8) | 7,650 | 1 | 35 | 191 | 109,255 |
| Nebraska | - | - | (8) | 8,575 | 1 | 60 | 212 | 163,295 |
| Kansas | - | - | (8) | 9,660 | - | - | 250 | 164,730 |
| West North Central | 1 | 1,000 | 7 | 55,515 | 8 | 2,010 | 2,341 | 1,301,210 |
| Delaware | - | - | - | - | - | - | 3 | 1,660 |
| Maryland | 2 | 9,550 | - | - | 2 | 20 | 11 | 13,710 |
| Virginia | 4 | 20,355 | 14 | [14]5,100 | - | - | 74 | 50,040 |
| West Virginia | (8) | 270 | [15]34 | 2,870 | - | - | 50 | 9,435 |
| North Carolina | 4 | 74,510 | - | - | - | - | 34 | 96,805 |
| South Carolina | (8) | 18,325 | - | - | 1 | 100 | 13 | 21,660 |
| Georgia | (8) | 14,225 | - | - | 1 | 975 | 26 | 109,165 |
| Florida | 1 | 2,715 | - | - | 1 | 20 | 84 | 37,385 |
| South Atlantic | 11 | 139,950 | 48 | 7,970 | 5 | 1,115 | 295 | 339,860 |
| Kentucky | 8 | 53,165 | 3 | 795 | - | - | 42 | 83,435 |
| Tennessee | 7 | 17,020 | 21 | 2,410 | 1 | 785 | 46 | 50,100 |
| Alabama | - | - | - | - | 1 | 25 | 17 | 48,445 |
| Mississippi | - | - | 8 | 370 | 1 | 320 | 74 | 56,615 |
| East South Central | 15 | 70,185 | 32 | 3,575 | 3 | 1,130 | 179 | 238,595 |
| Arkansas | - | - | - | - | 1 | 85 | 65 | 24,390 |
| Louisiana | - | - | 3 | 490 | - | - | 48 | 9,095 |
| Oklahoma | - | - | (8) | 3,900 | - | - | 146 | 167,155 |
| Texas | - | - | 1 | 575 | 4 | 175 | 432 | 147,445 |
| West South Central | - | - | 4 | 4,965 | 5 | 260 | 691 | 348,085 |
| Montana | - | - | 22 | 2,420 | 1 | 280 | 88 | 37,510 |
| Idaho | - | - | 14 | 2,445 | 3 | 385 | 61 | 30,905 |
| Wyoming | - | - | 6 | 1,045 | - | - | 15 | 7,520 |
| Colorado | - | - | 2 | 125 | - | - | 62 | 36,300 |
| New Mexico | - | - | - | - | - | - | 32 | 9,385 |
| Arizona | - | - | 1 | 30 | - | - | 13 | 8,605 |
| Utah | - | - | 5 | 860 | 1 | 150 | 45 | 16,435 |
| Nevada | - | - | 2 | 140 | - | - | 5 | 285 |
| Mountain | - | - | 52 | 7,065 | 5 | 815 | 321 | 146,945 |
| Washington | - | - | (8) | 1,050 | 5 | 220 | 114 | 27,235 |
| Oregon | - | - | 1 | 1,050 | 3 | 220 | 74 | 24,305 |
| California | - | - | 1 | 1,045 | 8 | 1,980 | 370 | 98,940 |
| Pacific | - | - | 2 | 3,145 | 16 | 2,420 | 558 | 150,480 |
| TOTAL (48 States) | 30 | 216,475 | 182 | 102,010 | 59 | 12,775 | 5,710 | 3,471,975 |
| Alaska | - | - | (8) | 10 | - | - | 2 | 100 |
| Hawaii | - | - | - | - | 3 | 635 | 15 | 1,350 |
| UNITED STATES | 30 | 216,475 | 182 | 102,020 | 62 | 13,410 | 5,727 | 3,473,425 |

See end of table for footnote references.

Table continued on following page.

Table 2. - Number[1] and estimated memberships[2] of farmer marketing, farm supply, and related service cooperatives, 1960-61[3] - Continued

(Classified according to major product handled or function performed.)

| Geographic division and State | Farm supply | | Service[16] | | Total | |
|---|---|---|---|---|---|---|
| | Cooperatives listed | Estimated memberships | Cooperatives listed | Estimated memberships | Cooperatives listed | Estimated memberships |
| | *Number* | | | | | |
| Maine | [17]6 | 13,935 | - | - | 17 | 20,595 |
| New Hampshire | [17]2 | 4,140 | - | - | 8 | 5,615 |
| Vermont | 6 | 10,015 | 6 | 1,290 | 26 | 18,795 |
| Massachusetts | [17]19 | 17,660 | 2 | 65 | 37 | 20,915 |
| Rhode Island | (8) | 1,515 | 1 | 110 | 2 | 2,730 |
| Connecticut | 12 | 8,875 | 3 | 280 | 24 | 11,725 |
| New England | 45 | 56,140 | 12 | 1,745 | 114 | 80,375 |
| New York | 251 | 81,015 | 5 | 1,425 | 410 | 146,085 |
| New Jersey | 27 | 16,760 | 2 | 150 | 63 | 28,430 |
| Pennsylvania | 89 | 119,245 | 6 | 170 | 193 | 168,635 |
| Middle Atlantic | 367 | 217,020 | 13 | 1,745 | 666 | 343,150 |
| Ohio | 102 | 117,990 | 6 | 950 | 269 | 322,745 |
| Indiana | 72 | 244,570 | 3 | 1,445 | 134 | 422,000 |
| Illinois | 155 | 274,545 | 27 | 13,940 | 447 | 470,225 |
| Michigan | 95 | 81,460 | 8 | 145 | 200 | 164,430 |
| Wisconsin | [17]270 | 243,690 | 18 | 1,430 | 688 | 400,690 |
| East North Central | 694 | 962,255 | 62 | 17,910 | 1,738 | 1,780,090 |
| Minnesota | [17]335 | 232,170 | 22 | 5,410 | 1,159 | 601,530 |
| Iowa | 149 | 163,645 | 1 | 100 | 618 | 427,750 |
| Missouri | 160 | 335,295 | 1 | 170 | 222 | 425,490 |
| North Dakota | 138 | 90,635 | 8 | 1,085 | 503 | 237,670 |
| South Dakota | 116 | 73,175 | 1 | 60 | 308 | 182,490 |
| Nebraska | 156 | 101,185 | 9 | 1,590 | 377 | 266,070 |
| Kansas | 92 | 39,980 | 2 | 130 | 344 | 204,840 |
| West North Central | 1,146 | 1,036,085 | 44 | 8,545 | 3,531 | 2,345,840 |
| Delaware | 12 | 26,155 | - | - | 15 | 27,815 |
| Maryland | 46 | 79,325 | 5 | 465 | 62 | 93,500 |
| Virginia | 80 | 195,770 | 7 | 2,545 | 161 | 248,355 |
| West Virginia | 26 | 64,175 | 3 | 130 | 79 | 73,740 |
| North Carolina | [18]7 | 192,550 | 9 | 1,755 | 50 | 291,110 |
| South Carolina | [18]2 | 44,005 | 2 | 215 | 17 | 65,880 |
| Georgia | 44 | 35,700 | 3 | 970 | 73 | 145,835 |
| Florida | 18 | 5,660 | 1 | 10 | 103 | 43,055 |
| South Atlantic | 235 | 643,340 | 30 | 6,090 | 560 | 989,290 |
| Kentucky | 54 | 133,325 | 1 | 35 | 97 | 216,795 |
| Tennessee | 87 | 71,420 | 3 | 2,410 | 136 | 123,930 |
| Alabama | [19]37 | 53,065 | 3 | 760 | 57 | 102,270 |
| Mississippi | 66 | 98,495 | 4 | 1,175 | 144 | 156,285 |
| East South Central | 244 | 356,305 | 11 | 4,380 | 434 | 599,280 |
| Arkansas | 48 | 39,295 | 1 | 500 | 114 | 64,185 |
| Louisiana | 11 | 2,765 | 1 | 195 | 60 | 12,055 |
| Oklahoma | 27 | 16,430 | 1 | 690 | 174 | 184,275 |
| Texas | 65 | 26,905 | 18 | 5,010 | 515 | 179,360 |
| West South Central | 151 | 85,395 | 21 | 6,395 | 863 | 439,875 |
| Montana | 84 | 37,400 | 1 | 65 | 173 | 74,975 |
| Idaho | 35 | 29,975 | 1 | 1,000 | 97 | 61,880 |
| Wyoming | 9 | 3,025 | - | - | 24 | 10,545 |
| Colorado | 41 | 18,980 | 4 | 160 | 107 | 55,440 |
| New Mexico | 2 | 705 | 1 | 390 | 35 | 10,480 |
| Arizona | 2 | 67,040 | - | - | 15 | 75,645 |
| Utah | 17 | 8,970 | 3 | 695 | 65 | 26,100 |
| Nevada | - | - | - | - | 5 | 285 |
| Mountain | 190 | 166,095 | 10 | 2,310 | 521 | 315,350 |
| Washington | 66 | 86,390 | 2 | 155 | 182 | 113,780 |
| Oregon | 35 | 42,070 | 2 | 100 | 111 | 66,475 |
| California | 45 | 28,210 | 5 | 380 | 420 | 127,530 |
| Pacific | 146 | 156,670 | 9 | 635 | 713 | 307,785 |
| TOTAL (48 States) | 3,218 | 3,679,305 | 212 | 49,755 | 9,140 | 7,201,035 |
| Alaska | - | - | - | - | 2 | 100 |
| Hawaii | 4 | 370 | 2 | 40 | 21 | 1,760 |
| UNITED STATES | 3,222 | 3,679,675 | 214 | 49,795 | 9,163 | 7,202,895 |

See next page for footnote references.

[1] Includes independent local cooperatives, federations, and centralized cooperatives.
[2] Includes members (those entitled to vote for directors) but does not include nonvoting patrons. (There is some duplication in these membership figures because many farmers belong to more than one cooperative).
[3] Preliminary data covering operations of cooperatives whose fiscal years ended during the period July 1, 1960, through June 30, 1961, with limited exceptions.
[4] Includes soybeans, soybean meal, and soybean oil.
[5] It is estimated that approximately 4,600 additional members affiliated with other types of cooperatives market dry beans. These include Colorado, 2,500; Michigan, 900; Montana, 200; and New York, 1,000.
[6] No individual memberships.
[7] Cooperatives performing specific services on a commodity are included. Incorporated local associations of a federation that performs the actual marketing or processing are counted.
[8] The cooperative with which this membership is affiliated has been counted in the State in which the cooperative maintains its headquarters.
[9] Cooperatives that are temporarily inactive because of crop failures or for other reasons are included.
[10] Membership of cooperatives marketing nuts fluctuates from year to year and is affected by the extent to which producers participate in price support or stabilization programs.
[11] Includes sugar, sugarcane, sugar beets, honey, maple syrup, molasses, and sorghum.
[12] Includes forest products, fur pelts, hay, hops, nursery stock, tung oil, coffee, and other farm products not separately classified.
[13] Member-patrons.
[14] Includes members of some 26 local wool assembling pools who are direct members of a regional marketing cooperative. Payments are made directly to the wool producers.
[15] Includes a statewide federation of county wool pools. Payment is made by the federation to the pool manager who is responsible for payment to the individual wool growers.
[16] Includes cooperatives furnishing special marketing or related services.
[17] Includes incorporated local cooperatives without facilities that are affiliated with an operating regional cooperative.
[18] Reduction in number results from change in legal status of service stores affiliated with a regional cooperative.
[19] Increase in number results from formation of locals around former branches of a regional cooperative.

Iowa stayed in third place with 618 associations. These figures represented decreases for all three States.

## NUMBER OF MEMBERSHIPS

The total number of memberships in marketing, farm supply, and related service cooperatives in the United States decreased by 70,560, or almost 1 percent from the previous year and amounted to 7,202,895 (table 3). This continues the downward trend of recent years, which was temporarily reversed only in 1958-59 when a small increase occurred.

Although total number of memberships decreased slightly, farm supply associations showed an increase of 79,210 memberships. The 3,679,675 memberships in farm supply cooperatives represented 51.1 percent of the total compared with 49.5 percent in the previous year.

Memberships in marketing cooperatives, however, dropped from 49.8 percent of the total to 48.2 percent, while those in service cooperatives continued to represent 0.7 percent of the total.

The continued downward trend in total number of memberships in cooperatives reflects the continued decrease in total number of farmers in the United States.

The total memberships of 7,202,895 contained duplication as many farmers were members of more than one cooperative and were counted two or more times. It is not possible to eliminate this duplication under current reporting methods.

Membership figures vary widely in those commodity groups that operate under price stabilization programs, particularly cotton, nuts, and tobacco. Also, membership figures are affected by the variety of services performed by cooperatives.

For example, a producer may use the services of a cooperative for marketing only one commodity out of a number of

Table 3. - *Memberships in marketing, farm supply, and related service cooperatives, 1950-51 to 1960-61*

| Period[1] | Marketing | | Farm supply | | Service | | Total | |
|---|---|---|---|---|---|---|---|---|
| | *Number* | *Percent* | *Number* | *Percent* | *Number* | *Percent* | *Number* | *Percent* |
| 1950-51 | 4,117,950 | 58.1 | 2,878,890 | 40.6 | 94,280 | 1.3 | 7,091,120 | 100.0 |
| 1951-52 | 4,229,125 | 57.4 | 3,032,550 | 41.2 | 102,030 | 1.4 | 7,363,705 | 100.0 |
| 1952-53 | 4,247,035 | 56.8 | 3,138,820 | 42.0 | 89,230 | 1.2 | 7,475,085 | 100.0 |
| 1953-54 | 4,273,350 | 56.1 | 3,252,860 | 42.8 | 82,030 | 1.1 | 7,608,240 | 100.0 |
| 1954-55 | 4,213,485 | 55.4 | 3,322,490 | 43.7 | 67,880 | 0.9 | 7,603,855 | 100.0 |
| 1955-56 | 4,223,260 | 54.6 | 3,443,610 | 44.6 | 64,865 | 0.8 | 7,731,735 | 100.0 |
| 1956-57 | 4,121,700 | 53.7 | 3,489,425 | 45.5 | 61,920 | 0.8 | 7,673,045 | 100.0 |
| 1957-58 | 3,879,675 | 51.8 | 3,543,185 | 47.3 | 63,595 | 0.9 | 7,486,455 | 100.0 |
| 1958-59 | 3,860,950 | 51.1 | 3,643,525 | 48.2 | 54,075 | 0.7 | 7,558,550 | 100.0 |
| 1959-60 | 3,621,900 | 49.8 | 3,600,465 | 49.5 | 51,090 | 0.7 | 7,273,455 | 100.0 |
| 1960-61[2] | 3,473,425 | 48.2 | 3,679,675 | 51.1 | 49,795 | 0.7 | 7,202,895 | 100.0 |

[1]For years prior to 1950-51, see appendix table 6.
[2]Preliminary.

Table 4. - *Number and estimated memberships of farmer marketing cooperatives, by specified commodity groups, 1960-61*[1]

| Commodity group (classified according to major product handled) | Cooperatives listed | | Estimated memberships | |
|---|---|---|---|---|
| | *Number* | *Percent* | *Number* | *Percent* |
| Beans and peas (dry edible) | 15 | 0.3 | 9,650 | 0.3 |
| Cotton and cotton products | 531 | 9.3 | 375,575 | 10.8 |
| Dairy products | 1,500 | 26.2 | 630,240 | 18.2 |
| Fruits and vegetables | 671 | 11.7 | 109,135 | 3.1 |
| Grain, soybeans, soybean meal and oil | 2,002 | 34.9 | 1,049,635 | 30.2 |
| Livestock and livestock products | 456 | 8.0 | 784,760 | 22.6 |
| Nuts | 30 | 0.5 | 54,480 | 1.6 |
| Poultry products | 118 | 2.0 | 84,525 | 2.4 |
| Rice | 62 | 1.1 | 13,380 | 0.4 |
| Sugar products | 68 | 1.2 | 30,140 | 0.9 |
| Tobacco | 30 | 0.5 | 216,475 | 6.2 |
| Wool and mohair | 182 | 3.2 | 102,020 | 2.9 |
| Miscellaneous | 62 | 1.1 | 13,410 | 0.4 |
| Total marketing | 5,727 | 100.0 | 3,473,425 | 100.0 |

[1]Preliminary.

farm products marketed by the cooperative or for purchasing one or more production supplies. His business with the cooperative may not be in the commodity group that represents the predominant portion of the cooperative's business volume and determines how the cooperative shall be classified in these statistics, but his membership will be included arbitrarily in that commodity group.

The number of marketing cooperatives and their estimated memberships are shown by specified commodity groups in table 4. Dry bean and pea and tobacco associations were the same number as in the previous year. Three commodity groups showed small increases in number of associations. These were cotton, rice, and sugar products. All other commodity groups had decreases in number of associations.

Three commodity groups, grain, rice, and wool, had increases in their number of memberships. These increases were relatively small except in the grain group. All other commodity groups in the marketing category had decreases in their total number of memberships.

Table 5 shows the number of marketing cooperatives and their memberships in 1960-61 by geographic areas. The West North Central area continued to lead in number of cooperatives and number of memberships, with 41 percent of the associations and 37.5 percent of the memberships. The East North Central area remained in second place with 17.2 percent of the associations and 23 percent of the memberships. These two areas combined accounted for 58.2 percent of the total number of marketing cooperatives and 60.5 percent of the memberships.

Table 5. - *Number and estimated memberships*[1] *of farmer marketing cooperatives, by geographic divisions, 1960-61*[2]

| Geographic division | Cooperatives listed | | Estimated memberships | |
|---|---|---|---|---|
| | *Number* | *Percent* | *Number* | *Percent* |
| West North Central | 2,341 | 41.0 | 1,301,210 | 37.5 |
| East North Central | 982 | 17.2 | 799,925 | 23.0 |
| West South Central | 691 | 12.1 | 348,085 | 10.0 |
| Pacific | 558 | 9.8 | 150,480 | 4.3 |
| Mountain | 321 | 5.6 | 146,945 | 4.2 |
| South Atlantic | 295 | 5.2 | 339,860 | 9.8 |
| Middle Atlantic | 286 | 5.0 | 124,385 | 3.6 |
| East South Central | 179 | 3.1 | 238,595 | 6.9 |
| New England | 57 | 1.0 | 22,490 | 0.7 |
| Total | 5,710 | 100.0 | 3,471,975 | 100.0 |

[1]Data for Alaska and Hawaii not included.
[2]Preliminary.

Table 6 shows the number of farm supply cooperatives and their memberships by geographic areas. The West North Central area accounted for 35.6 percent of the total number of farm supply cooperatives and for 28.2 percent of their memberships. The East North Central area remained in second place with 21.6 percent of the number of associations and 26.1 percent of their memberships. These two areas accounted for 57.2 percent of the total number of farm supply cooperatives and 54.3 percent of their memberships.

Table 6. - *Number and estimated memberships*[1] *of farm supply cooperatives, by geographic divisions, 1960-61*[2]

| Geographic division | Cooperatives listed | | Estimated memberships | |
|---|---|---|---|---|
| | *Number* | *Percent* | *Number* | *Percent* |
| West North Central | 1,146 | 35.6 | 1,036,085 | 28.2 |
| East North Central | 694 | 21.6 | 962,255 | 26.1 |
| Middle Atlantic | 367 | 11.4 | 217,020 | 5.9 |
| East South Central | 244 | 7.6 | 356,305 | 9.7 |
| South Atlantic | 235 | 7.3 | 643,340 | 17.5 |
| Mountain | 190 | 5.9 | 166,095 | 4.5 |
| West South Central | 151 | 4.7 | 85,395 | 2.3 |
| Pacific | 146 | 4.5 | 156,670 | 4.3 |
| New England | 45 | 1.4 | 56,140 | 1.5 |
| Total | 3,218 | 100.0 | 3,679,305 | 100.0 |

[1]Data for Alaska and Hawaii not included.
[2]Preliminary.

Table 7. - *Number and estimated memberships of marketing, farm supply, and related service cooperatives, by specified commodity groups, for local and regional cooperatives, 1960-61*[1]

| Commodity group (classified according to major product or function) | Cooperatives | | | | Memberships[2] | | | |
|---|---|---|---|---|---|---|---|---|
| | Local | | Regional | | Local | | Regional | |
| | Number | Percent of total in each commodity group | Number | Percent of total in each commodity group | Number | Percent of total in each commodity group | Number | Percent of total in each commodity group |
| Beans and peas (dry edible) | 7 | 46.7 | 8 | 53.3 | 4,410 | 45.7 | 5,240 | 54.3 |
| Cotton and products | 501 | 94.4 | 30 | 5.6 | 101,180 | 26.9 | 274,395 | 73.1 |
| Dairy products | 1,203 | 80.2 | [3]297 | 19.8 | 364,360 | 57.8 | 265,880 | 42.2 |
| Fruits and vegetables | 589 | 87.8 | [3]82 | 12.2 | 62,610 | 57.4 | 46,525 | 42.6 |
| Grain[4] | 1,970 | 98.4 | 32 | 1.6 | 988,035 | 94.1 | 61,600 | 5.9 |
| Livestock and products | 416 | 91.2 | 40 | 8.8 | 162,815 | 20.7 | 621,945 | 79.3 |
| Nuts | 24 | 80.0 | 6 | 20.0 | 10,075 | 18.5 | 44,405 | 81.5 |
| Poultry products | 98 | 83.1 | [3]20 | 16.9 | 61,805 | 73.1 | 22,720 | 26.9 |
| Rice | 56 | 90.3 | 6 | 9.7 | 5,900 | 44.1 | 7,480 | 55.9 |
| Sugar products | - | - | [3]68 | 100.0 | - | - | 30,140 | 100.0 |
| Tobacco | - | - | 30 | 100.0 | - | - | 216,475 | 100.0 |
| Wool and mohair | 162 | 89.0 | 20 | 11.0 | 23,425 | 23.0 | 78,595 | 77.0 |
| Miscellaneous | 59 | 95.2 | 3 | 4.8 | 13,265 | 98.9 | 145 | 1.1 |
| Total marketing | 5,085 | 88.8 | 642 | 11.2 | 1,797,880 | 51.8 | 1,675,545 | 48.2 |
| Farm supply | 3,103 | 96.3 | 119 | 3.7 | 2,721,350 | 74.0 | 958,325 | 26.0 |
| Service | 202 | 94.4 | 12 | 5.6 | 48,590 | 97.6 | 1,205 | 2.4 |
| Total marketing, farm supply, and service | 8,390 | 91.6 | 773 | 8.4 | 4,567,820 | 63.4 | 2,635,075 | 36.6 |

[1]Preliminary.
[2]Membership figures are greatly affected each year by the comparative importance of cooperatives in price stabilization programs, particularly in cotton, nuts, and tobacco. They are also affected by the number of members reported who may not be active patrons in a specific year.
[3]Includes bargaining cooperatives. See definition in appendix, page 66.
[4]Includes soybean marketing and processing cooperatives.

Minnesota continued to lead in total number of memberships with 601,530 (table 2 on page 6). Illinois remained in second place with 470,225 and Iowa stayed in third place with 427,750. Missouri moved into fourth place with 425,490, dropping Indiana to fifth place with 422,000.

The number of memberships in local and regional cooperatives are classified by commodity groups in table 7. Of the 9,163 cooperatives included in the 1960-61 survey, 8,390 or 91.6 percent, were local associations. There were 4,567,820 memberships in these local cooperatives, or 63.4 percent of the total. Regional cooperatives represented 8.4 percent of the associations and 36.6 percent of their memberships in 1960-61.

Figure 2 indicates that the average number of memberships in marketing, farm supply, and related service cooperatives increased from 705 in 1950-51 to 786 in 1960-61. In the same period, average dollar volume per association, exclusive of intercooperative business, increased steadily from $810,000 to nearly $1.4 million.

FIG. 2 - AVERAGE NUMBER OF MEMBERSHIPS AND AVERAGE DOLLAR VOLUME PER COOPERATIVE

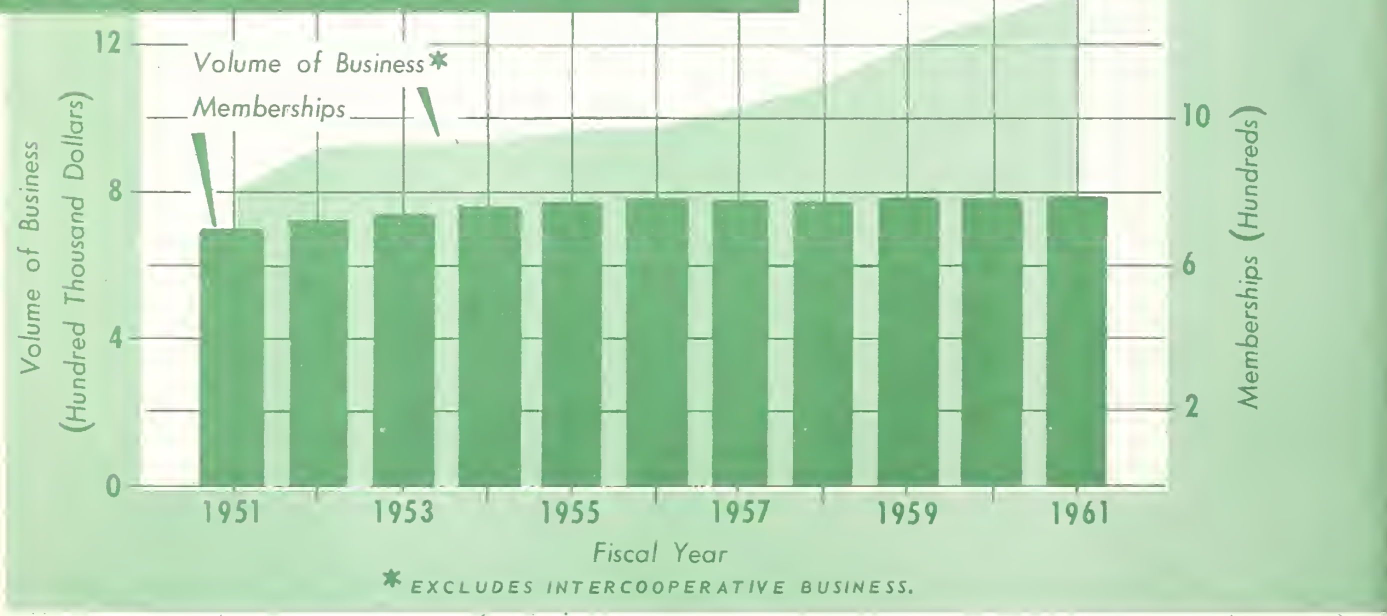
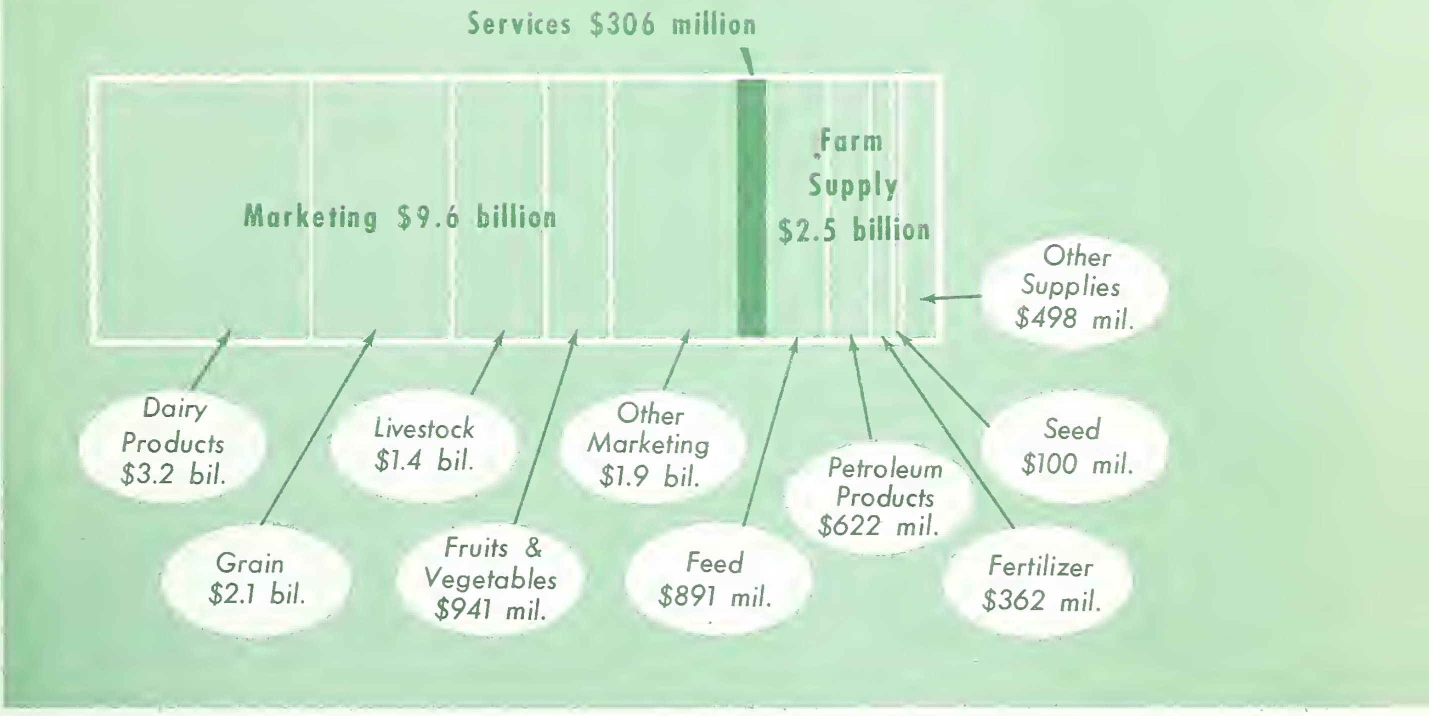


FIG. 3 - NET BUSINESS VOLUME OF FARMER COOPERATIVES, 1960-61




# Business Volume

The gross volume of business of the 9,163 marketing, farm supply, and related service cooperatives amounted to almost $16.2 billion in 1960-61. This was an increase of 3.5 percent over the gross volume of more than $15.6 billion in 1959-60.

The net business, after duplication resulting from business done between cooperatives was excluded, was more than $12.4 billion. This interassociation business amounted to almost $3.8 billion. The net volume of $12.4 billion represented an increase of more than 3.1 percent over the net business of $12 billion in 1959-60.

This net volume included almost $9.64 billion for farm products marketed, more than $2.47 billion for farm supplies, and $305.6 million for services performed for patrons (figure 3).

In making comparisons of dollar volumes in this report, no adjustments were made for changes in the price indexes of farm products marketed or farm production supplies purchased by farmers.

Table 8 shows the percentage of the estimated total business represented by the three major functional groups in each annual survey beginning with the 1950-51 fiscal year. Total gross and net business

Table 8. - *Estimated business of marketing, farm supply, and related service cooperatives, 1950-51 to 1960-61*

| Period[1] | Gross value (includes intercooperative business) | | | | Net value (excludes intercooperative business) | | | |
|---|---|---|---|---|---|---|---|---|
| | Farm products | Farm supplies | Services | Total | Farm products | Farm supplies | Services | Total |
| | *$1,000* | | | | *$1,000* | | | |
| 1950-51 | 7,984,777 | 2,437,521 | 99,958 | 10,522,256 | 6,361,766 | 1,685,413 | 99,958 | 8,147,137 |
| 1951-52 | 9,260,697 | 2,762,095 | 114,480 | 12,137,272 | 7,376,684 | 1,918,723 | 114,480 | 9,409,887 |
| 1952-53 | 9,294,945 | 2,866,908 | 141,750 | 12,303,603 | 7,365,795 | 2,013,768 | 141,750 | 9,521,313 |
| 1953-54 | 9,198,727 | 2,841,727 | 157,802 | 12,198,256 | 7,338,786 | 1,978,052 | 157,802 | 9,474,640 |
| 1954-55 | 9,347,913 | 2,921,859 | 195,522 | 12,465,294 | 7,424,743 | 2,021,617 | 195,522 | 9,641,882 |
| 1955-56 | 9,514,387 | 2,972,696 | 214,880 | 12,701,963 | 7,495,159 | 2,046,086 | 214,880 | 9,756,125 |
| 1956-57 | 10,110,115 | 3,152,985 | 234,629 | 13,497,729 | 7,998,887 | 2,145,939 | 234,629 | 10,379,455 |
| 1957-58[2] | 10,538,742 | 3,269,400 | 246,964 | 14,055,106 | 8,318,448 | 2,187,490 | 246,964 | 10,752,902 |
| 1958-59[2] | 11,412,483 | 3,549,922 | 272,866 | 15,235,271 | 9,103,089 | 2,371,061 | 272,866 | 11,747,016 |
| 1959-60[2] | 11,688,409 | 3,659,969 | 298,177 | 15,646,555 | 9,329,914 | 2,408,157 | 298,177 | 12,036,248 |
| 1960-61[3] | 12,143,722 | 3,744,711 | 305,600 | 16,194,033 | 9,636,315 | 2,472,286 | 305,600 | 12,414,201 |
| | *Percent* | | | | *Percent* | | | |
| 1950-51 | 75.9 | 23.2 | 0.9 | 100.0 | 78.1 | 20.7 | 1.2 | 100.0 |
| 1951-52 | 76.3 | 22.8 | 0.9 | 100.0 | 78.4 | 20.4 | 1.2 | 100.0 |
| 1952-53 | 75.5 | 23.3 | 1.2 | 100.0 | 77.4 | 21.1 | 1.5 | 100.0 |
| 1953-54 | 75.4 | 23.3 | 1.3 | 100.0 | 77.4 | 20.9 | 1.7 | 100.0 |
| 1954-55 | 75.0 | 23.4 | 1.6 | 100.0 | 77.0 | 21.0 | 2.0 | 100.0 |
| 1955-56 | 74.9 | 23.4 | 1.7 | 100.0 | 76.8 | 21.0 | 2.2 | 100.0 |
| 1956-57 | 74.9 | 23.4 | 1.7 | 100.0 | 77.0 | 20.7 | 2.3 | 100.0 |
| 1957-58[2] | 75.0 | 23.3 | 1.7 | 100.0 | 77.4 | 20.3 | 2.3 | 100.0 |
| 1958-59[2] | 74.9 | 23.3 | 1.8 | 100.0 | 77.5 | 20.2 | 2.3 | 100.0 |
| 1959-60[2] | 74.7 | 23.4 | 1.9 | 100.0 | 77.5 | 20.0 | 2.5 | 100.0 |
| 1960-61[3] | 75.0 | 23.1 | 1.9 | 100.0 | 77.6 | 19.9 | 2.5 | 100.0 |

[1]For years prior to 1950-51, see appendix table 7. Data for prior years are not entirely comparable as the result of revisions made in statistical procedures in 1950-51.
[2]Revised.
[3]Preliminary.

volumes in 1960-61 exceeded comparable volumes in all previous surveys shown in the table.

The gross value of all farm products marketed by cooperatives amounted to more than $12.1 billion in 1960-61 compared with almost $11.7 billion in 1959-60, an increase of almost 3.9 percent.

The net value of farm products marketed amounted to more than $9.6 billion compared with $9.3 billion in the previous year, an increase of almost 3.3 percent. Increases in the dollar volumes reported for dairy products, grain, nuts, poultry products, rice, and sugar products were largely responsible for the increase in total net value.

The gross value of all farm supplies handled by cooperatives in 1960-61 amounted to more than $3.74 billion, representing an increase of 2.3 percent over the $3.66 billion in 1959-60. The net value of these supplies amounted to more than $2.47 billion in 1960-61 compared with almost $2.41 billion in 1959-60, an increase of almost 2.7 percent. Increases in the net volume of building materials, feed, fertilizer, petroleum products, sprays and dusts, and miscellaneous supplies largely accounted for this increase.

Table 9 shows the value of each major commodity group handled in 1960-61, irrespective of the type of cooperative handling the commodity. Net sales of poultry products, for example, amounted to almost $425 million. They were made by 567 cooperatives that included 116 cooperatives specializing in poultry and egg marketing and 451 cooperatives of other types primarily marketing other farm products or handling farm supplies, with the marketing of poultry products representing a sideline activity.

The 1950-51 survey for the first time provided information on the value of the sales of each of the major commodities handled by cooperatives. Before the 1950-51 survey, each major commodity total consisted of the total volumes of business of only those cooperatives that specialized in handling each commodity. Business volume data for individual commodity groups before 1950-51 are not directly comparable, therefore, with dollar volume data for 1950-51 and subsequent years. Moreover, the earlier dollar volume figures are not comparable with 1950-51 and later years because they were at a level somewhere between net and gross figures as now published.

An estimated total of 6,548 cooperatives marketed farm products of all types in 1960-61 (table 9). This was 71.5 percent of the 9,163 cooperatives included in the survey. These 6,548 cooperatives were comprised of 5,714 cooperatives whose major operation was marketing farm products, 823 cooperatives primarily handling farm supplies for their patrons, and 11 service cooperatives that were primarily performing trucking, storage, or other services related to marketing or farm supply purchasing activities. Thirteen marketing cooperatives that were either newly organized or temporarily inactive are not included in this total.

A total of 7,016 cooperatives handled farm supplies in 1960-61, representing 76.6 percent of the total number of cooperatives in the survey. These 7,016 cooperatives included 3,221 associations that were primarily handling farm supplies for their patrons in 1960-61 and 3,701 marketing and 94 service associations

Table 9. - *Estimated business in specified commodity and service groups of marketing, farm supply, and related service cooperatives, 1960-61*[1]

| Item | Cooperatives handling: Number | Cooperatives handling: Percent of total cooperatives[2] | Gross business (includes intercooperative business): Amount | Gross business: Percent | Net business (excludes intercooperative business): Amount | Net business: Percent |
|---|---|---|---|---|---|---|
| | | | *$1,000* | | *$1,000* | |
| Products marketed for patrons | | | | | | |
| Beans and peas (dry edible) | 65 | 0.7 | 46,641 | 0.3 | 33,900 | 0.3 |
| Cotton and cotton products | 561 | 6.1 | 673,148 | 4.2 | 596,472 | 4.8 |
| Dairy products | 1,609 | 17.6 | 3,892,735 | 24.0 | 3,242,972 | 26.1 |
| Fruits and vegetables | 697 | 7.6 | 1,351,847 | 8.3 | 941,421 | 7.6 |
| Grain, soybeans, and soybean meal and oil | 2,660 | 29.0 | 3,203,139 | 19.8 | 2,104,524 | 16.9 |
| Livestock and livestock products | 532 | 5.8 | 1,567,434 | 9.7 | 1,434,149 | 11.5 |
| Nuts | 116 | 1.3 | 144,887 | 0.9 | 124,152 | 1.0 |
| Poultry products | 567 | 6.2 | 503,347 | 3.1 | 424,927 | 3.4 |
| Rice | 62 | 0.7 | 179,573 | 1.1 | 155,743 | 1.3 |
| Sugar products | 68 | 0.7 | 371,457 | 2.3 | 371,457 | 3.0 |
| Tobacco | 31 | 0.3 | 139,896 | 0.9 | 139,896 | 1.1 |
| Wool and mohair | 284 | 3.1 | 23,192 | 0.1 | 22,471 | 0.2 |
| Miscellaneous[3] | 206 | 2.2 | 46,426 | 0.3 | 44,231 | 0.4 |
| Total farm products | [4]6,548 | 71.5 | 12,143,722 | 75.0 | 9,636,315 | 77.6 |
| Supplies purchased for patrons | | | | | | |
| Building materials | 1,656 | 18.1 | 136,161 | 0.8 | 91,370 | 0.7 |
| Containers and packaging supplies | 1,125 | 12.3 | 58,191 | 0.4 | 26,628 | 0.2 |
| Farm machinery and equipment | 1,839 | 20.0 | 104,774 | 0.7 | 75,169 | 0.6 |
| Feed | 4,412 | 48.2 | 1,205,445 | 7.4 | 890,785 | 7.2 |
| Fertilizer | 4,276 | 46.7 | 630,393 | 3.9 | 361,563 | 2.9 |
| Meats and groceries | 896 | 9.8 | 63,971 | 0.4 | 51,937 | 0.4 |
| Petroleum products | 2,798 | 30.5 | 991,950 | 6.1 | 621,910 | 5.0 |
| Seed | 3,912 | 42.7 | 139,409 | 0.9 | 100,344 | 0.8 |
| Sprays and dusts (farm chemicals) | 3,014 | 32.9 | 82,919 | 0.5 | 56,426 | 0.5 |
| Miscellaneous | 4,558 | 49.7 | 331,498 | 2.0 | 196,154 | 1.6 |
| Total farm supplies | [4]7,016 | 76.6 | 3,744,711 | 23.1 | 2,472,286 | 19.9 |
| Receipts for services | | | | | | |
| Trucking, cotton ginning, storage, grinding, locker plants, miscellaneous | [4]5,561 | 60.7 | [5]305,600 | 1.9 | [5]305,600 | 2.5 |
| Total business | [4]9,163 | 100.0 | 16,194,033 | 100.0 | 12,414,201 | 100.0 |

[1]Preliminary.
[2]Number of cooperatives handling each commodity group is computed as a percentage of the total number of 9,163 cooperatives listed.
[3]Includes coffee, forest products, fur pelts, hay, hops, nursery stock, tung oil, and other farm products not separately classified.
[4]Because many cooperatives do more than one type of business, these totals are less than the number that would be obtained by adding the number of cooperatives handling individual items or performing individual services.
[5]Charges for services in which no duplication occurs.

handling farm supplies as a sideline activity. This total does not include one newly organized farm supply association that was not yet in operation at the time of the survey.

A total of 5,561 cooperatives of all types, or 60.7 percent of the total, performed one or more services related to marketing or farm supply purchasing for their patrons in 1960-61. These 5,561 cooperatives consisted of 214 cooperatives primarily performing service activities, such as trucking, storage, drying, and similar services related to marketing farm products or selling farm supplies; 1,707 farm supply cooperatives; and 3,640 marketing cooperatives, including cotton ginning, livestock trucking, and rice and fruit drying cooperatives.

These figures indicated that 65 percent of all marketing cooperatives handled at least some production supplies in 1960-61 and 64 percent furnished specialized services, such as cotton ginning and livestock trucking, or general services, such as storage, grinding, and trucking for their patrons (table 10).

Of the farm supply cooperatives, 26 percent marketed farm products and 53 percent performed various services for their patrons. Five percent of service cooperatives marketed farm products for their patrons and 44 percent handled farm supplies in 1960-61.

## LOCAL AND REGIONAL COOPERATIVES

Table 11 shows the value of farm products marketed in 1960-61 by local and regional cooperatives classified by major commodity groups. Local cooperatives accounted for more than $4.4 billion of the net value, or 46 percent of the total. Regional cooperatives accounted for more than $5.2 billion of the total net value, or 54 percent.

Commodity groups in which the local cooperatives accounted for a major portion

Table 10. - *Estimated percentage of farmer cooperatives performing marketing, farm supply, or service activities in addition to major function, 1951-52 to 1960-61*

| Type of cooperative according to major function | 1951-52 | 1952-53 | 1953-54 | 1954-55 | 1955-56 | 1956-57 | 1957-58 | 1958-59 | 1959-60 | 1960-61 |
|---|---|---|---|---|---|---|---|---|---|---|
| | Percentage marketing farm products | | | | | | | | | |
| Farm supply | 21 | 20 | 23 | 22 | 21 | 22 | 22 | 24 | 25 | 26 |
| Service | 10 | 13 | 9 | 15 | 10 | 7 | 8 | 6 | 4 | 5 |
| | Percentage handling farm supplies | | | | | | | | | |
| Marketing | 60 | 58 | 58 | 60 | 62 | 63 | 63 | 65 | 65 | 65 |
| Service | 41 | 51 | 39 | 44 | 41 | 45 | 45 | 45 | 43 | 44 |
| | Percentage performing services | | | | | | | | | |
| Marketing[1] | 47 | 47 | 49 | 52 | 57 | 59 | 62 | 62 | 63 | 64 |
| Farm supply | 24 | 29 | 32 | 38 | 40 | 42 | 44 | 49 | 51 | 53 |

[1]Includes cotton ginning and livestock trucking cooperatives.

Table 11. - *Estimated marketing business of local and regional cooperatives by specified commodity groups, 1960-61*[1]

| Farm products marketed for patrons | Local | Regional | | Total | |
|---|---|---|---|---|---|
| | | Gross (includes intercooperative business) | Net (excludes intercooperative business) | Gross (includes intercooperative business) | Net (excludes intercooperative business) |
| | | | *$1,000* | | |
| Beans and peas (dry edible) | 13,899 | 32,742 | 20,001 | 46,641 | 33,900 |
| Cotton and products | 190,347 | 482,801 | 406,125 | 673,148 | 596,472 |
| Dairy products | 1,256,664 | 2,636,071 | 1,986,308 | 3,892,735 | 3,242,972 |
| Fruits and vegetables | 560,489 | 791,358 | 380,932 | 1,351,847 | 941,421 |
| Grain, soybeans, soybean meal and oil | 1,895,192 | 1,307,947 | 209,332 | 3,203,139 | 2,104,524 |
| Livestock and livestock products | 197,280 | 1,370,154 | 1,236,869 | 1,567,434 | 1,434,149 |
| Nuts | 22,575 | 122,312 | 101,577 | 144,887 | 124,152 |
| Poultry products | 203,470 | 299,877 | 221,457 | 503,347 | 424,927 |
| Rice | 43,870 | 135,703 | 111,873 | 179,573 | 155,743 |
| Sugar products | - | 371,457 | 371,457 | 371,457 | 371,457 |
| Tobacco | - | 139,896 | 139,896 | 139,896 | 139,896 |
| Wool and mohair | 6,065 | 17,127 | 16,406 | 23,192 | 22,471 |
| Miscellaneous | 41,787 | 4,639 | 2,444 | 46,426 | 44,231 |
| Total marketing | 4,431,638 | 7,712,084 | 5,204,677 | 12,143,722 | 9,636,315 |

[1]Preliminary.

Table 12. - *Estimated supply business of local and regional cooperatives by specified commodity groups, 1960-61*[1]

| Supplies purchased for patrons | Local | Regional | | Total | |
|---|---|---|---|---|---|
| | | Gross (includes intercooperative business) | Net (excludes intercooperative business) | Gross (includes intercooperative business) | Net (excludes intercooperative business) |
| | | | *$1,000* | | |
| Building materials | 60,919 | 75,242 | 30,451 | 136,161 | 91,370 |
| Containers and packaging supplies | 21,136 | 37,055 | 5,492 | 58,191 | 26,628 |
| Farm machinery and equipment | 57,606 | 47,168 | 17,563 | 104,774 | 75,169 |
| Feed | 627,284 | 578,161 | 263,501 | 1,205,445 | 890,785 |
| Fertilizer | 264,816 | 365,577 | 96,747 | 630,393 | 361,563 |
| Meats and groceries | 49,336 | 14,635 | 2,601 | 63,971 | 51,937 |
| Petroleum products | 534,791 | 457,159 | 87,119 | 991,950 | 621,910 |
| Seed | 75,137 | 64,272 | 25,207 | 139,409 | 100,344 |
| Sprays and dusts (farm chemicals) | 44,067 | 38,852 | 12,359 | 82,919 | 56,426 |
| Other supplies | 154,689 | 176,809 | 41,465 | 331,498 | 196,154 |
| Total farm supplies | 1,889,781 | 1,854,930 | 582,505 | 3,744,711 | 2,472,286 |

[1]Preliminary.

of the total net volume included: Fruits and vegetables, 59.5 percent; grain, soybeans, and soybean products, 90.1 percent; and miscellaneous farm products, 94.5 percent.

The value of the marketing business done between cooperatives was $2.5 billion, representing 20.6 percent of the total gross marketing volume.

Table 12 gives a similar breakdown on the value of supplies handled by local and regional cooperatives of all types. Local cooperatives accounted for almost $1.89 billion of the total net volume, or 76.4 percent of the total. Regional cooperatives accounted for $582.5 million, or 23.6 percent, of the total net volume.

The value of the supply business done between cooperatives amounted to more than $1.27 billion, representing almost 34 percent of the total gross supply volume of $3.74 billion.

## GEOGRAPHIC AREAS AND STATES

The estimated value of all farm products marketed cooperatively in 1960-61 is shown by geographic areas in table 13. The West North Central and East North Central areas accounted for 48 percent of the total gross value of all farm products marketed by cooperatives. These two areas accounted for 46.8 percent of the total net volume.

Table 14 shows the estimated value of farm supplies purchased by patrons of marketing, farm supply, and related service cooperatives. The West North Central and East North Central areas combined continued to account for more than half of all supplies purchased by patrons of farmer cooperatives in 1960-61.

The value of service receipts is shown by geographic areas in table 15. The West North Central area continued to

Table 13. - *Estimated value[1] of farm products marketed for patrons, by geographic divisions, 1960-61[2]*

| Geographic division | Estimated value of farm products marketed for patrons | | | |
|---|---|---|---|---|
| | Gross (includes intercooperative business) | Percent | Net (excludes intercooperative business) | Percent |
| | *$1,000* | | *$1,000* | |
| West North Central | 3,149,840 | 26.0 | 2,377,200 | 24.7 |
| East North Central | 2,667,027 | 22.0 | 2,130,294 | 22.1 |
| Pacific | 2,132,959 | 17.6 | 1,573,339 | 16.3 |
| West South Central | 1,146,720 | 9.4 | 890,801 | 9.3 |
| Middle Atlantic | 915,153 | 7.5 | 766,138 | 8.0 |
| South Atlantic | 856,563 | 7.1 | 759,755 | 7.9 |
| Mountain | 701,650 | 5.8 | 588,033 | 6.1 |
| East South Central | 360,740 | 3.0 | 339,404 | 3.5 |
| New England | 201,195 | 1.6 | 199,501 | 2.1 |
| Total | 12,131,847 | 100.0 | 9,624,465 | 100.0 |

[1]Data for Alaska and Hawaii not included.
[2]Preliminary.

Table 14. - *Estimated value[1] of supplies purchased for patrons, by geographic divisions, 1960-61[2]*

| Geographic division | Estimated value of supplies purchased for patrons | | | |
|---|---|---|---|---|
| | Gross (includes intercooperative business) | Percent | Net (excludes intercooperative business) | Percent |
| | *$1,000* | | *$1,000* | |
| West North Central | 1,179,638 | 31.5 | 740,247 | 30.0 |
| East North Central | 879,249 | 23.5 | 553,304 | 22.4 |
| Middle Atlantic | 451,919 | 12.1 | 296,652 | 12.0 |
| South Atlantic | 330,202 | 8.8 | 232,736 | 9.4 |
| Pacific | 290,517 | 7.8 | 227,395 | 9.2 |
| East South Central | 218,659 | 5.9 | 133,670 | 5.4 |
| West South Central | 173,189 | 4.6 | 113,180 | 4.6 |
| Mountain | 138,269 | 3.7 | 98,827 | 4.0 |
| New England | 78,940 | 2.1 | 72,146 | 3.0 |
| Total | 3,740,582 | 100.0 | 2,468,157 | 100.0 |

[1]Data for Alaska and Hawaii not included.
[2]Preliminary.

rank first in the value of service receipts, accounting for 32.6 percent of the total.

The West North Central area with more than $3.2 billion and the East North Central area with more than $2.7 billion continued to lead all other areas in combined total net value of farm products marketed, farm supplies handled, and receipts for services performed (table 38 on page 63 and figure 4). These two areas accounted for 47.8 percent of the total net business done by farmer cooperatives.

California stayed in first place in the net value of the combined volume of farm products marketed, farm supplies handled, and services performed for patrons, with almost $1.3 billion, representing 10.4 percent of the total net value (appendix table 3). Minnesota remained in second place with a total net business volume of $867 million, or 7.0 percent of the total. Iowa stayed in third place with $704 million and Illinois retained fourth place with $670 million, representing 5.7 percent and 5.4 percent, respectively, of the total net business volume of cooperatives in all States.

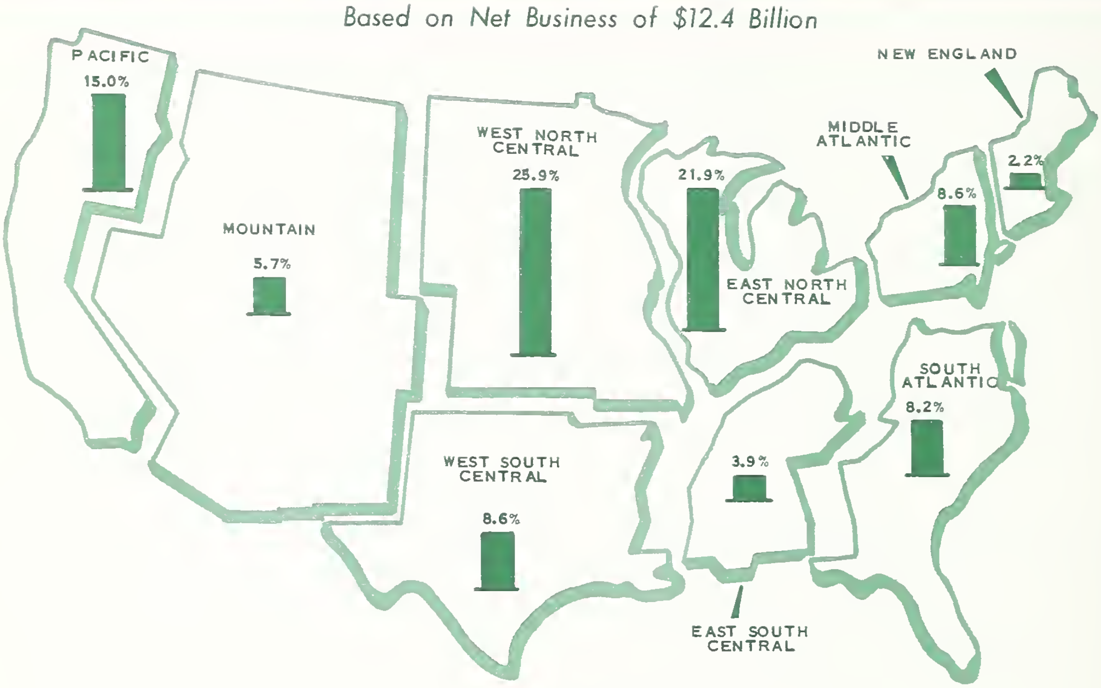
Table 15. - *Estimated value[1] of service receipts, by geographic divisions, 1960-61[2]*

| Geographic divisions | Value of service receipts | Percent |
|---|---|---|
| | *$1,000* | |
| West North Central | 99,649 | 32.6 |
| West South Central | 60,697 | 19.9 |
| Pacific | 56,524 | 18.5 |
| East North Central | 33,048 | 10.8 |
| South Atlantic | 21,603 | 7.1 |
| Mountain | 16,411 | 5.4 |
| Middle Atlantic | 9,029 | 3.0 |
| East South Central | 6,680 | 2.2 |
| New England | 1,559 | 0.5 |
| Total | 305,200 | 100.0 |

[1]Data for Alaska and Hawaii not included.
[2]Preliminary.

**FIG. 4 - PROPORTION OF TOTAL BUSINESS VOLUME ORIGINATING IN EACH GEOGRAPHIC AREA, 1960-61**

*Based on Net Business of $12.4 Billion*




California continued to lead all other States in the value of farm products marketed, with a net volume of almost $1.2 billion (table 38 on page 59). Minnesota stayed in second place with net sales of almost $695 million and Wisconsin was in third place with almost $521 million followed closely by Illinois with $518.8 million and Texas with $518.6 million.

Iowa continued in first place in the net value of farm supplies handled by cooperatives, with more than $173 million (table 38 on page 63). New York moved into second place with more than $156 million, putting Minnesota in third place with more than $155.7 million.

Texas continued in first place in total value of service receipts with $39.4 million. California remained in second place with $35.7 million and Kansas continued in third place with $30.8 million. These amounts represented increases for each of the three States.

Table 16 shows the relative importance in each geographic area of marketing, farm supply purchasing, and services.

Table 16. - *Relative importance of marketing, farm supply, and service volume, by geographic divisions, 1960-61*[1]

| Geographic division | Percentage of total net volume[2] represented by | | | Total |
|---|---|---|---|---|
| | Farm products | Farm supplies | Service receipts | |
| New England | 73.0 | 26.4 | 0.6 | 100.0 |
| Middle Atlantic | 71.5 | 27.7 | 0.8 | 100.0 |
| East North Central | 78.4 | 20.4 | 1.2 | 100.0 |
| West North Central | 73.9 | 23.0 | 3.1 | 100.0 |
| South Atlantic | 74.9 | 23.0 | 2.1 | 100.0 |
| East South Central | 70.7 | 27.9 | 1.4 | 100.0 |
| West South Central | 83.7 | 10.6 | 5.7 | 100.0 |
| Mountain | 83.6 | 14.1 | 2.3 | 100.0 |
| Pacific | 84.7 | 12.3 | 3.0 | 100.0 |
| Total | 77.6 | 19.9 | 2.5 | 100.0 |

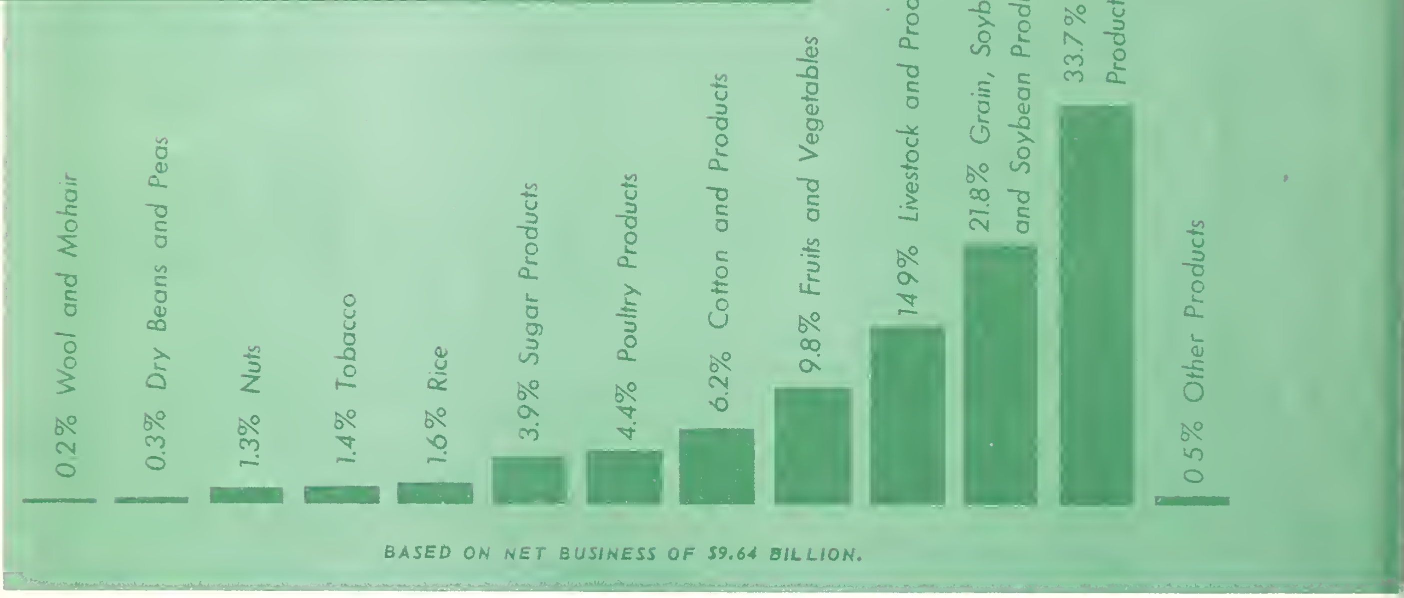
[1]Preliminary. Alaska and Hawaii are not included.
[2]The net volume figure is adjusted for duplication resulting from intercooperative business.

Marketing continued to represent more than 80 percent of the total net dollar volume in the West South Central, Mountain, and Pacific areas. It represented more than 70 percent in all other geographic areas.

Farm supplies accounted for 26 percent or more of the total net volume in the New England, Middle Atlantic, and East South Central areas, and for 20 percent or more in the East North Central, West North Central, and South Atlantic areas.

Service receipts continued to represent almost 6 percent of the total net dollar volume in the West South Central area where cotton ginning is an important service performed for patrons. In the Pacific and West North Central areas, service receipts accounted for 3 percent or more of the total net volume.

FIG. 5 - RELATIVE IMPORTANCE OF MAJOR FARM PRODUCTS MARKETED BY COOPERATIVES, 1960-61




# Farm Products

A total of 6,548 cooperatives marketed 13 major categories of farm products in 1960-61 with a gross value of more than $12.1 billion. After duplication resulting from $2.5 billion of interassociation business was eliminated, the net value of these farm products amounted to more than $9.6 billion.

This interassociation business of $2.5 billion resulted from sales made by terminal sales agencies for local cooperatives. The $9.6 billion was the value of all farm products marketed directly for individual patrons.

The gross volume of more than $12.1 billion of farm products marketed in 1960-61 represented an increase of almost 3.9 percent over the $11.7 billion marketed in 1959-60. The net value of $9.6 billion represented an increase of almost 3.3 percent over the comparable figure of $9.3 billion in 1959-60.

Increases in the dollar volumes reported for dairy products, grain, nuts, poultry products, rice, and sugar products largely contributed to the increases in both gross and net volumes of farm products marketed by cooperatives.

Dairy products continued to lead in the value of farm products marketed by cooperatives, with a gross value of almost $3.9 billion and a net value of more than $3.2 billion. These figures represented an increase of 5.8 percent over the gross volume of $3.7 billion and 6.1 percent over the net volume of $3.1 billion in 1959-60. Dairy products accounted for almost 34 percent of the total net value

of farm products marketed by cooperatives in 1960-61.

Grain, including soybeans and soybean products, continued in second place with a gross value of more than $3.2 billion and a net value of $2.1 billion. This represented an increase of 8.8 percent over the 1959-60 gross volume of more than $2.9 billion and of 9.1 percent over the net volume of more than $1.9 billion in the previous year. This commodity group accounted for almost 22 percent of the total net value of farm products marketed by cooperatives in 1960-61.

Livestock and livestock products remained in third place with a gross value of almost $1.57 billion and a net value of more than $1.4 billion. This represented a decrease of 2.8 percent compared with the gross value of more than $1.6 billion in 1959-60 and of 2.5 percent compared with the net value of almost $1.5 billion in the previous year. Livestock and livestock products accounted for almost 15 percent of the net value of all farm products marketed by cooperatives in 1960-61.

Fruits and vegetables remained in fourth place with a gross value of almost $1.4 billion and a net value of more than $941 million. This represented an increase of 2.3 percent over the gross volume of more than $1.3 billion in 1959-60 and a very slight decrease from the net volume of almost $942 million in the previous year. Fruits and vegetables accounted for almost 9.8 percent of the net value of all farm products marketed by cooperatives in 1960-61.

Special crops, including dry beans and peas, rice, sugar products, and tobacco, were next in rank with a total net value of almost $701 million. They accounted for almost 7.1 percent of the net value of all farm products marketed by cooperatives in 1960-61.

Cotton and cotton products ranked sixth with a gross value of more than $673 million and a net value of more than $596 million. This represented an increase of less than 1 percent over the gross value of almost $669 million in 1959-60 and a decrease of 1.8 percent from the net value of more than $607 million in the previous year. Cotton and cotton products represented almost 6.2 percent of the total net value of farm products marketed by cooperatives.

Poultry and poultry products ranked seventh with a gross value of more than $503 million and a net value of almost $425 million. This represented an increase of 8.3 percent over the gross value of almost $465 million in 1959-60 and of 9 percent over the net value of more than $390 million in the previous year.

The importance of individual States in relation to the value of total farm products marketed was discussed in the section "Geographic Areas and States," page 20. The State figures for the total value of farm products marketed by cooperatives are shown in table 38 on page 59.

## COTTON AND COTTON PRODUCTS

The gross value of cotton and cotton products marketed by cooperatives in 1960-61 was slightly higher and the net value somewhat lower than in 1959-60 as shown in table 17. A total of 561 cooperatives handled cotton and cotton products in 1960-61 with a gross value of $673.1 million and a net value of $596.5 million after duplication resulting from intercooperative business was

FIG. 6 - COTTON and COTTON PRODUCTS

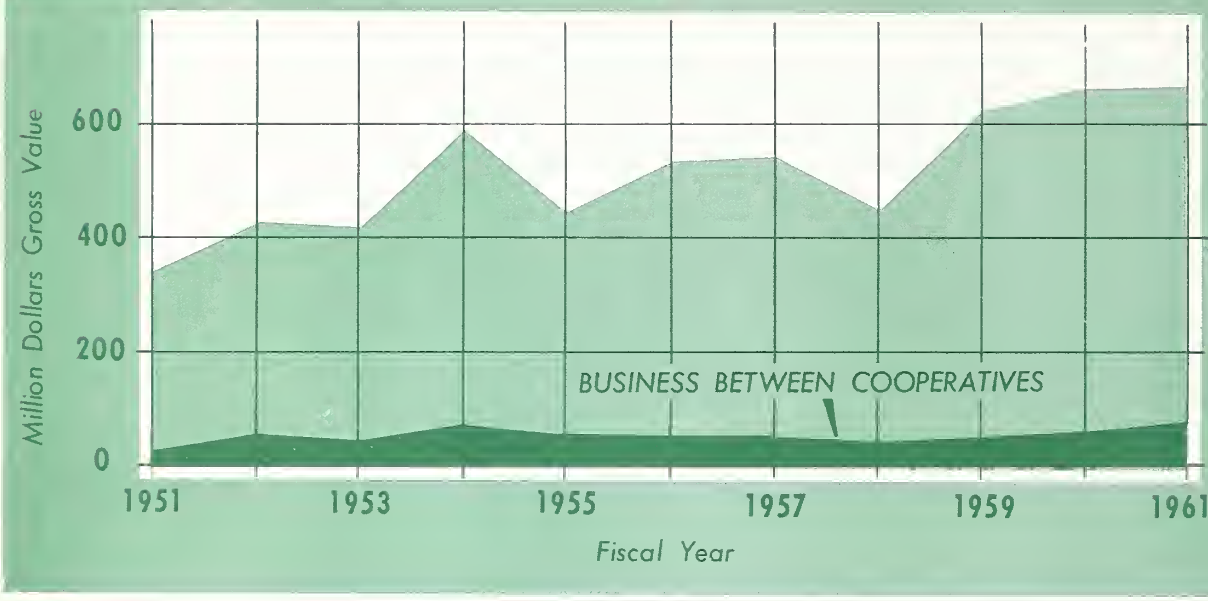



Table 17. - *Estimated value of cotton and cotton products marketed by cooperatives, 1950-51 to 1960-61*

| Period | Value of sales: Gross (includes intercooperative business) | Value of sales: Net (excludes intercooperative business) |
|---|---|---|
| | *$1,000* | |
| 1950-51 | 349,522 | 320,019 |
| 1951-52 | 437,626 | 380,375 |
| 1952-53 | 420,985 | 375,449 |
| 1953-54 | 597,697 | 522,610 |
| 1954-55 | 452,833 | 394,874 |
| 1955-56 | 541,249 | 478,944 |
| 1956-57 | 542,860 | 487,397 |
| 1957-58 | 460,815 | 412,501 |
| 1958-59 | 632,860 | 574,438 |
| 1959-60 | 668,747 | 607,390 |
| 1960-61[1] | 673,148 | 596,472 |

[1]Preliminary.

eliminated (table 38 on page 55 and figure 6).

The 561 cooperatives handling cotton and cotton products in 1960-61 included 514[1] associations primarily handling cotton and cotton products and 47 other associations that handled cotton and cotton products as a sideline activity.

The gross value of cotton and cotton products marketed by the 514 specialized cotton associations amounted to $659.1 million. After duplication resulting from sales made by regional cotton cooperatives for local cooperatives was eliminated, the net value amounted to $583.4 million. These sales by specialized cotton cooperatives represented 97.8 percent of the total net value of such products marketed by cooperatives in 1960-61.

Sales of cotton and cotton products by the 47 cooperatives of other types marketing cotton and cotton products as a sideline activity amounted to a net value of more than $13 million and represented

[1]Does not include 17 associations that either did not operate in 1960-61 or performed compressing, warehousing, or other special related services but did not market cotton or cotton products.

almost 2.2 percent of the total net value of cotton and cotton products marketed by all cooperatives. Fourteen grain cooperatives accounted for more than $5.5 million of these net sales of cotton and cotton products by other types of associations; 30 farm supply cooperatives accounted for more than $6.1 million; and the remaining $1.4 million sales of cotton and cotton products were made by 2 livestock and 1 miscellaneous marketing associations.

Ginning fees, including bagging and ties, amounted to almost $42.7 million for 511 cooperatives. Most of the ginning operations were performed by cotton cooperatives, with only $1.7 million of these ginning receipts earned by other types of cooperatives for whom cotton ginning represented a sideline activity.

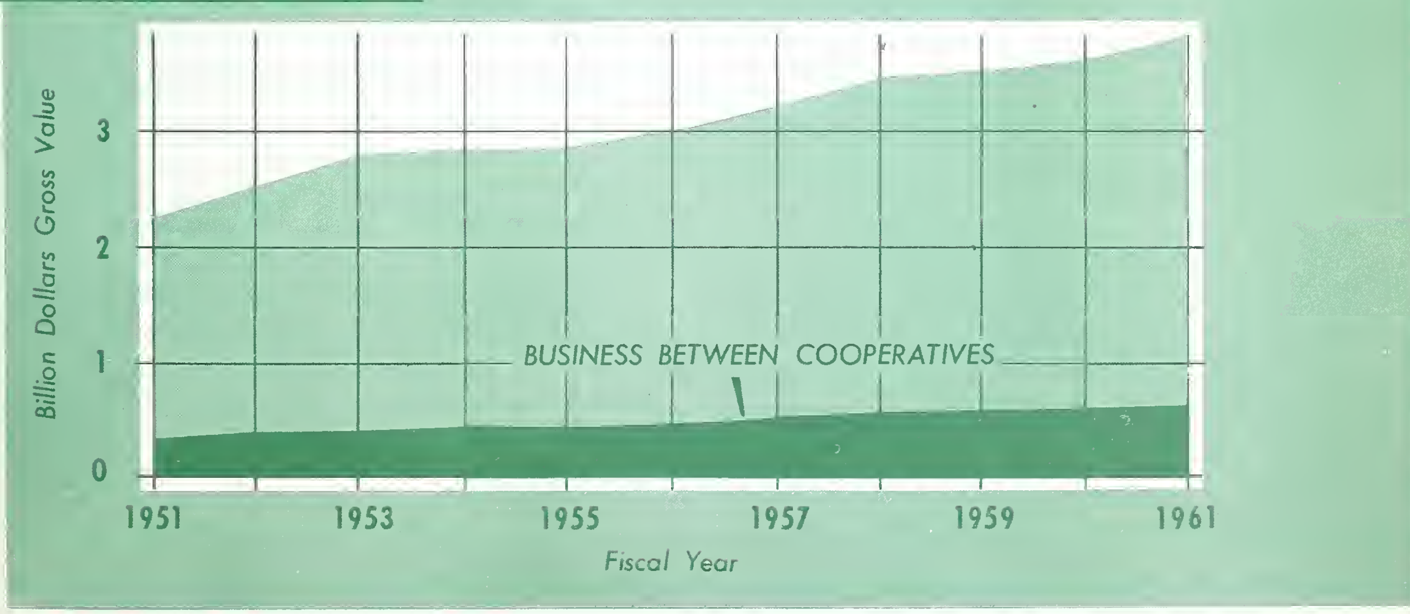
Texas remained in first place in the net value of cotton and cotton products marketed in 1960-61, with more than $224 million. California continued in second place with over $116 million. Mississippi was in third place with almost $88 million. These figures represent an important increase over the previous year for Texas, a decrease for Mississippi, and a substantial decrease for California.

## DAIRY PRODUCTS

The value of dairy products marketed by cooperatives continued to exceed the value of any other major group of farm products they marketed in 1960-61. Dairy products accounted for 33.6 percent of the total net value of all farm products marketed by cooperatives in 1960-61.

A total of 1,609 cooperatives marketed dairy products in 1960-61 with a gross value of almost $3.9 billion (table 38 on page 55). After duplication resulting from almost $650 million of inter-association business was eliminated, the net value amounted to more than $3.24 billion (figure 7).

FIG. 7 - DAIRY PRODUCTS



Of the total number of cooperatives handling dairy products, 1,495[2] were classified as dairy cooperatives whose business was primarily marketing dairy products. The gross value of their sales of dairy products amounted to $3.88 billion and the net value was more than $3.23 billion. This net volume handled by dairy cooperatives represented 99.7 percent of the net value of dairy products marketed by all cooperatives in 1960-61.

The 114 cooperatives of other types that marketed dairy products with a net value of $8.4 million included 22 grain associations with sales of almost $3 million, 18 poultry associations with sales of more than $3.4 million, and 70 farm supply cooperatives with sales of almost $1.9 million.

The remaining associations handling dairy products as a sideline activity included one fruit and vegetable association, one livestock association, one miscellaneous marketing association, and one service association. The combined value of dairy products these four associations marketed amounted to almost $154,000.

The gross and net values of dairy products marketed by cooperatives since 1950-51 have steadily increased each year as shown in table 18.

Wisconsin remained in first place in the net value of dairy products marketed by cooperatives, with almost $435 million. New York stayed in second place with almost $356 million and Minnesota continued in third place with $311 million. These figures represent substantial increases over the previous year for all three States.

[2]Five newly organized dairy cooperatives are not included.

Table 18. - *Estimated value of dairy products marketed by cooperatives, 1950-51 to 1960-61*

| Period | Value of sales: Gross (includes intercooperative business) | Value of sales: Net (excludes intercooperative business) |
|---|---|---|
| | $1,000 | |
| 1950-51 | 2,298,692 | 1,933,665 |
| 1951-52 | 2,590,928 | 2,166,004 |
| 1952-53 | 2,851,888 | 2,396,207 |
| 1953-54 | 2,897,611 | 2,409,353 |
| 1954-55 | 2,909,594 | 2,431,522 |
| 1955-56 | 3,032,891 | 2,542,657 |
| 1956-57 | 3,303,949 | 2,764,355 |
| 1957-58 | 3,495,708 | 2,918,196 |
| 1958-59 | 3,565,978 | 2,972,625 |
| 1959-60 | 3,679,523 | 3,055,521 |
| 1960-61[1] | 3,892,735 | 3,242,972 |

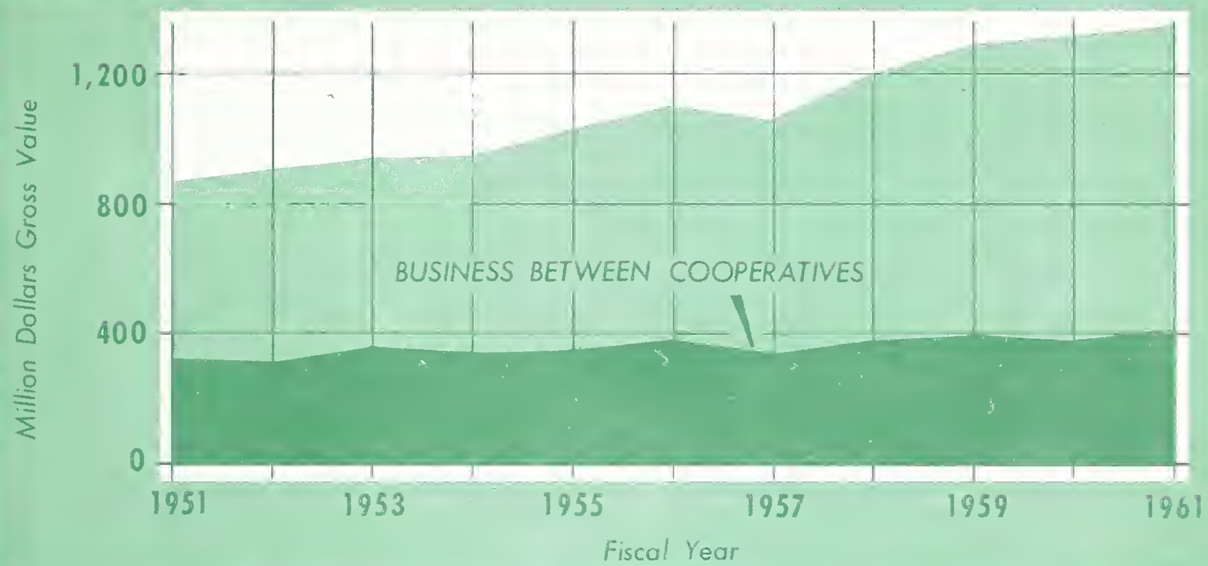
[1]Preliminary.

## FRUITS AND VEGETABLES

The gross value of fruits and vegetables marketed by 697 cooperatives of all types amounted to more than $1.35 billion (table 38, on page 56). The net value, after duplication resulting from interassociation business was eliminated, amounted to $941.4 million.

This interassociation business amounting to $410.4 million represented the value of sales made by regional cooperatives for local associations (figure 8). The net value of $941.4 million represented sales made directly for individual patrons and amounted to more than 69.6 percent of total gross sales of fruits and vegetables marketed by cooperatives.

FIG.8 - FRUITS and VEGETABLES




A total of 657[3] cooperatives whose business was primarily marketing fruits and vegetables had a gross fruit and vegetable volume of more than $1.34 billion and a net volume of almost $936.4 million. The business of these specialized fruit and vegetable cooperatives accounted for almost 99.5 percent of the total net sales of fruits and vegetables made by all cooperatives in 1960-61.

Fruits and vegetables marketed as a sideline by 40 cooperatives of other types amounted to a net value of almost $5.1 million. Twenty-five farm supply cooperatives accounted for a net volume of almost $2.7 million. The remaining sales with a net value of $2.4 million were made by a dry bean association, a cotton association, three dairy associations, two grain associations, one livestock association, two poultry associations, one miscellaneous marketing association, and four service associations.

Table 19 shows an increase in gross volume and a very slight decrease in

Table 19. - *Estimated value of fruits and vegetables marketed by cooperatives, 1950-51 to 1960-61*

| Period | Value of sales | |
|---|---|---|
| | Gross (includes intercooperative business) | Net (excludes intercooperative business) |
| | $1,000 | |
| 1950-51 | 875,441 | 552,641 |
| 1951-52 | 911,446 | 596,537 |
| 1952-53 | 948,361 | 590,497 |
| 1953-54 | 958,839 | 610,409 |
| 1954-55 | 1,032,755 | 675,566 |
| 1955-56 | 1,108,997 | 723,272 |
| 1956-57 | 1,058,681 | 723,269 |
| 1957-58[1] | 1,206,198 | 823,928 |
| 1958-59[1] | 1,290,137 | 892,320 |
| 1959-60[1] | 1,321,423 | 941,811 |
| 1960-61[2] | 1,351,847 | 941,421 |

[3]Does not include 14 cooperatives that were newly organized or performing services only.

[1]Revised.
[2]Preliminary.

net value of fruits and vegetables marketed by cooperatives in 1960-61 compared with the previous year.

California continued in first place in the net value of fruits and vegetables marketed by cooperatives with more than $422 million. Florida remained in second place with net sales of almost $163 million.

## GRAIN, SOYBEANS, SOYBEAN MEAL AND OIL

Grain, including soybeans and soybean meal and oil, continued in second place in the value of farm products marketed by cooperatives, accounting for 21.8 percent of the net value of all farm products marketed by cooperatives in 1960-61.

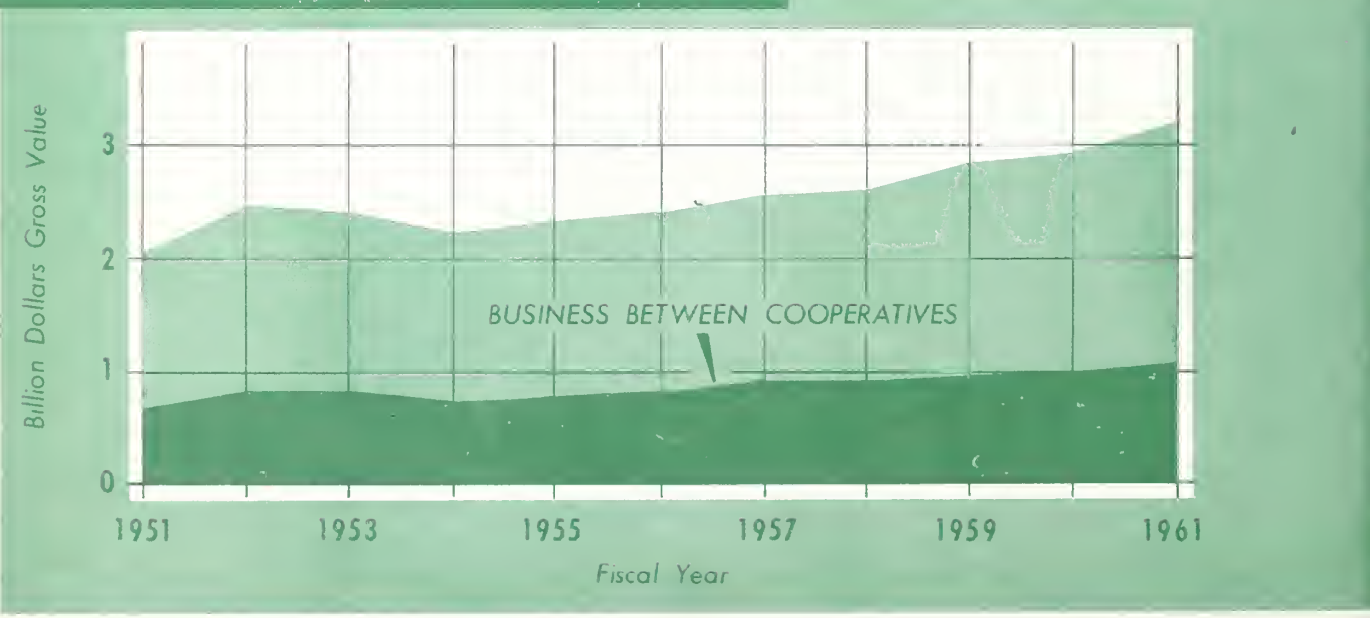
A total of 2,661 cooperatives marketed grain, including soybeans, soybean meal and oil in 1960-61 with a gross value of more than $3.2 billion (table 38 on page 56). The net value, after duplication arising from business done between cooperatives was eliminated, amounted to over $2.1 billion.

The gross value of more than $3.2 billion included sales of almost $1.1 billion made by regional cooperatives for local associations. This almost $1.1 billion of interassociation business represented 34.3 percent of the total gross value of more than $3.2 billion (figure 9).

Gross sales of grain by 2,000[4] cooperatives whose business was predominantly marketing grain, including soybeans and soybean products, amounted to more than $2.89 billion. Net sales of these grain cooperatives amounted to more than $1.86 billion and accounted for 88.4 percent of the net value of grain marketed by all cooperatives in 1960-61. The remaining

[4] Does not include one newly organized association and one association reporting services only.

FIG. 9 - GRAIN, SOYBEANS, and SOYBEAN PRODUCTS



11.6 percent of total net sales made by 661 cooperatives handling grain and soybeans as a sideline activity amounted to $243.3 million.

Farm supply cooperatives continued to be most important in the group that handled grain as a sideline activity, with 574 associations handling a net volume of almost $210.2 million. A total of 45 cotton cooperatives marketed grain with a net value of almost $15.2 million; 19 livestock associations had a grain volume of almost $9.1 million; 7 dry bean associations marketed a net volume of more than $3.3 million; 8 dairy cooperatives had net sales of grain amounting to almost $2.2 million; 3 fruit and vegetable associations had net grain sales amounting to more than $2 million; and the remaining net sales of more than $1.2 million were made by 1 poultry, 3 rice, and 1 wool association.

The value of grain, soybeans, and soybean products marketed by all cooperatives has increased steadily in the last several years (table 20).

Table 20. - *Estimated value of grain, soybeans, and soybean meal and oil marketed by cooperatives, 1950-51 to 1960-61*

| Period | Value of sales | |
|---|---|---|
| | Gross (includes intercooperative business) | Net (excludes intercooperative business) |
| | *$1,000* | |
| 1950-51 | 2,057,803 | 1,361,499 |
| 1951-52 | 2,463,229 | 1,616,427 |
| 1952-53 | 2,415,778 | 1,584,885 |
| 1953-54 | 2,220,335 | 1,492,307 |
| 1954-55 | 2,338,457 | 1,543,716 |
| 1955-56 | 2,405,617 | 1,572,018 |
| 1956-57 | 2,587,883 | 1,663,529 |
| 1957-58 | 2,621,725 | 1,677,607 |
| 1958-59 | 2,867,768 | 1,895,431 |
| 1959-60 | 2,944,798 | 1,929,114 |
| 1960-61[1] | 3,203,139 | 2,104,524 |

[1]Preliminary.

Illinois continued to outrank all other States in the net value of grain (including soybeans and soybean products) marketed by cooperatives with more than $247 million. Kansas moved into second place with almost $233 million; Iowa dropped from second place to third with net sales of almost $217 million; and North Dakota dropped from third place to fourth with almost $204 million.

## LIVESTOCK AND LIVESTOCK PRODUCTS

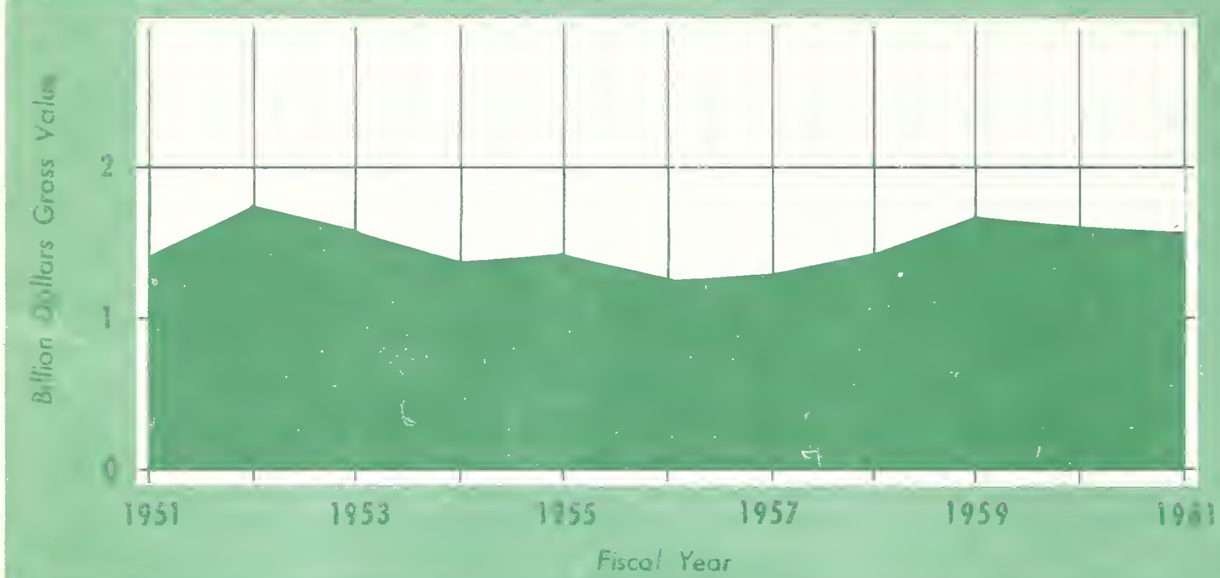
Livestock and livestock products continued to rank third in the value of farm products marketed by cooperatives in 1960-61 and accounted for 14.9 percent of the net value of all farm products marketed by cooperatives. A total of 532 cooperatives, including livestock trucking cooperatives, handled livestock in 1960-61 with a gross value of almost $1.57 billion (table 38 on page 56 and figure 10).

After duplication arising from business done between cooperatives was excluded, the net volume amounted to more than $1.43 billion. This interassociation business, amounting to more than $133 million, represented the sales made by regional cooperatives for local associations.

The 453[5] cooperatives whose business was predominantly livestock marketing or trucking handled livestock and livestock products with a gross value of almost $1.55 billion. Their net sales, after duplication arising from business done between cooperatives was eliminated, amounted to more than $1.41 billion.

[5]Does not include three newly organized associations.

FIG. 10 - LIVESTOCK and LIVESTOCK PRODUCTS




This represented 98.6 percent of the net sales of livestock marketed by all types of cooperatives. Included in this net volume of livestock cooperatives was the value of stocker and feeder animals purchased for patrons amounting to $291.7 million.

These 453 cooperatives that were predominantly livestock handling cooperatives included a large number whose primary function was trucking livestock to central markets. They did only a limited amount of actual marketing at the local level.

The net value of livestock marketed by 79 cooperatives of other types handling livestock as a sideline activity amounted to $19.7 million.

Thirty-seven farm supply cooperatives accounted for net sales of livestock amounting to more than $11.7 million. Nineteen grain cooperatives accounted for $5.3 million of these sales of livestock by other types of cooperatives; 4 dairy cooperatives had livestock sales of $1.4 million; and the remaining sales amounting to more than $1.2 million were made by 2 cotton, 5 poultry, 9 wool, 1 miscellaneous marketing, and 2 service associations.

The value of livestock and livestock products marketed by cooperatives in 1960-61 was less than in 1959-60 as shown in table 21.

Ohio was in first place in the net value of livestock handled by cooperatives with a little more than $170 million and Illinois was a very close second with just under $170 million. This reverses the position of these two States in the previous year. Minnesota retained third place with sales of almost $161 million.

Table 21. - *Estimated value of livestock and livestock products marketed by cooperatives, 1950-51 to 1960-61*

| Period | Value of sales | |
|---|---|---|
| | Gross (includes intercooperative business) | Net (excludes intercooperative business) |
| | *$1,000* | |
| 1950-51 | 1,407,026 | 1,321,944 |
| 1951-52 | 1,758,628 | 1,647,778 |
| 1952-53 | 1,577,407 | 1,476,653 |
| 1953-54 | 1,390,386 | 1,296,080 |
| 1954-55 | 1,443,883 | 1,337,354 |
| 1955-56 | 1,291,458 | 1,180,114 |
| 1956-57 | 1,296,095 | 1,173,666 |
| 1957-58 | 1,434,638 | 1,299,668 |
| 1958-59 | 1,686,955 | 1,527,042 |
| 1959-60 | 1,613,026 | 1,471,069 |
| 1960-61[1] | 1,567,434 | 1,434,149 |

[1]Preliminary.

## NUTS

A total of 116 cooperatives marketed nuts (tree nuts and peanuts) in 1960-61 with a gross value of almost $144.9 million (table 38 on page 57). Net business, after duplication arising from inter-association business was eliminated, amounted to almost $124.2 million.

Thirty cooperatives whose business was predominantly marketing nuts accounted for a gross value of more than $100.5 million. The net value, after eliminating the interassociation business, amounted to more than $84.3 million and represented almost 68 percent of the total net value of nuts marketed by all types of cooperatives.

Eighty-six cooperatives of other types that marketed nuts as a sideline activity had a net volume of $39.8 million. Cotton cooperatives continued to be the most important in this group of cooperatives of other types handling nuts, with five associations reporting a net volume amounting to $37.1 million. Seventy-one farm supply cooperatives marketed nuts with a net value of almost $1.6 million. The remaining sales amounting to more than $1.1 million were made by one dairy association, two fruit and vegetable associations, four grain associations, one livestock association, one tobacco association, and one service association.

The value of nuts marketed by cooperatives each year since 1950-51 is shown in table 22.

California continued in first place in the net value of nuts marketed by cooperatives with almost $57 million. Georgia continued in second place with almost $42 million.

Table 22. - *Estimated value of nuts marketed by cooperatives, 1950-51 to 1960-61*

| Period | Value of sales | |
|---|---|---|
| | Gross (includes intercooperative business) | Net (excludes intercooperative business) |
| | *$1,000* | |
| 1950-51 | 141,012 | 113,485 |
| 1951-52 | 128,475 | 92,367 |
| 1952-53 | 90,288 | 55,216 |
| 1953-54 | 114,761 | 83,850 |
| 1954-55 | 80,481 | 46,273 |
| 1955-56 | 128,919 | 91,238 |
| 1956-57 | 130,169 | 96,211 |
| 1957-58 | 126,088 | 93,072 |
| 1958-59 | 137,642 | 109,493 |
| 1959-60 | 136,854 | 114,533 |
| 1960-61[1] | 144,887 | 124,152 |

[1]Preliminary.

## POULTRY PRODUCTS

A total of 567 cooperatives marketed poultry products in 1960-61 with a gross value of more than $503.3 million (table 38 on page 57). Net business, after duplication arising from interassociation business was eliminated, amounted to more than $424.9 million.

The 116[6] cooperatives that specialized in marketing poultry products in 1960-61 had a gross volume of almost $292.7 million. After duplication resulting from interassociation business was eliminated, their net volume was $230.3 million. This net volume of specialized poultry cooperatives represented 54.2 percent of the total net value of poultry products marketed by all cooperatives.

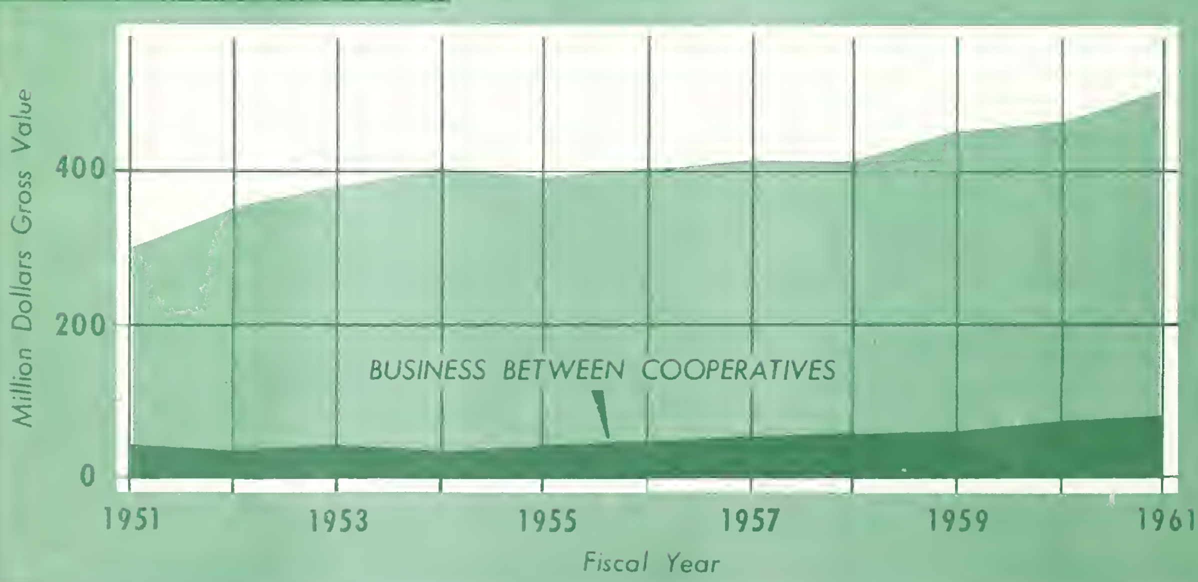
[6]Does not include two newly organized cooperatives.

A total of 451 cooperatives of other types that handled poultry products as a sideline activity had a net volume of poultry products amounting to $194.6 million.

Among the cooperatives of other types that handled poultry products as a sideline, farm supply cooperatives were most important with 245 associations marketing poultry products with a net value of almost $119.5 million.

A total of 141 dairy cooperatives marketed poultry products with a net value of more than $31.2 million; 5 cotton cooperatives had net poultry products sales of almost $38.3 million; and 46 grain associations had net sales of $3.8 million. The remaining sales of poultry products amounting to $1.8 million were made by one fruit and vegetable association, seven livestock associations, one

FIG. 11 - POULTRY PRODUCTS



miscellaneous marketing association, and five service associations.

The value of poultry products marketed by cooperatives in 1960-61 was substantially higher than in the previous year as shown in table 23 and figure 11.

California continued to rank first in the net value of poultry products marketed by cooperatives with almost $52 million. Georgia moved into second place with almost $34.7 million, putting Minnesota in third place with slightly over $34 million.

Table 23. - *Estimated value of poultry products marketed by cooperatives, 1950-51 to 1960-61*

| Period | Value of sales | |
|---|---|---|
| | Gross (includes intercooperative business) | Net (excludes intercooperative business) |
| | *$1,000* | |
| 1950-51 | 304,045 | 263,689 |
| 1951-52 | 357,130 | 321,018 |
| 1952-53 | 380,734 | 336,671 |
| 1953-54 | 401,363 | 363,730 |
| 1954-55 | 394,538 | 350,416 |
| 1955-56 | 403,838 | 358,004 |
| 1956-57 | 419,520 | 364,073 |
| 1957-58 | 417,121 | 356,889 |
| 1958-59 | 452,549 | 391,566 |
| 1959-60 | 464,730 | 390,488 |
| 1960-61[1] | 503,347 | 424,927 |

[1]Preliminary.

## SPECIAL CROPS

The gross value of special crops marketed by cooperatives in 1960-61 amounted to almost $737.6 million (table 38 and figure 12). These special crops included dry beans and peas, rice, sugar products, and tobacco. The net value of these special crops, after duplication resulting from business done between cooperatives was eliminated, amounted to almost $701 million. The total value of special crops marketed by cooperatives in 1960-61 was less than in 1959-60 but higher than in preceding years as shown in table 24.

### Beans and Peas (Dry Edible)

Sixty-five cooperatives marketed a gross volume of dry beans and peas in 1960-61 amounting to more than $46.6 million (table 38 on page 55). The net value of this business, after duplication arising from business done between cooperatives was eliminated, amounted to almost $33.9 million.

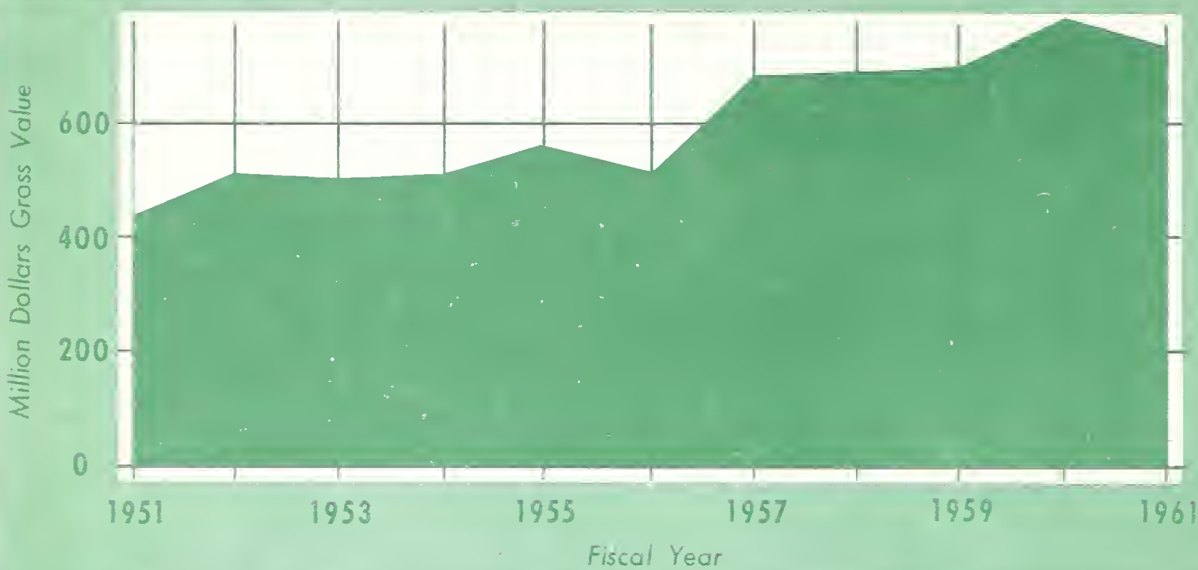
A total of 14[7] cooperatives primarily marketing dry beans and peas accounted for a gross volume of more than $27.7 million. Their net sales, after duplication resulting from business done between cooperatives was eliminated, was almost $22.1 million. This net volume represented almost 65.1 percent of the net volume of dry beans and peas marketed by all types of cooperatives.

Fifty-one cooperatives of other types marketed a net volume of dry beans and peas amounting to more than $11.8 million. Thirty-four farm supply cooperatives marketed dry beans and peas with a net value of more than $6.4 million; 14 grain cooperatives had net sales of more than $5 million; and 3 fruit and vegetable cooperatives had net sales of dry beans and peas amounting to more than $427,000.

Michigan was in first place in the net value of dry beans and peas marketed in 1960-61 with $9.7 million and California was in second place with more than $7.8 million.

[7]Does not include one association performing services only.

FIG. 12 - SPECIAL CROPS




## Rice

The gross value of rice marketed by 62 cooperatives in 1960-61 amounted to almost $179.6 million (table 38 on page 57). The net value, after duplication resulting from business done between cooperatives was eliminated, amounted to more than $155.7 million. This net business, representing sales made directly for individual patrons, amounted to more than 86.7 percent of total gross sales. Interassociation business, amounting to more than $23.8 million, accounted for 13.3 percent of the gross value.

The value of rice marketed by cooperatives in 1960-61 was higher than the previous year as shown in table 24.

California continued in first place in the net value of rice marketed by cooperatives with net sales of more than $55.2 million. Arkansas continued in second place with almost $45.5 million and Texas stayed in third place with more than $42.9 million.

## Sugar Products

This commodity group includes sugar, sugarcane, sugar beets, honey, maple syrup, molasses, and sorghum. The value of all sugar products marketed by 68 cooperatives in 1960-61 amounted to almost $371.5 million (table 38 on page 58). No interassociation business was reported by these cooperatives.

The value of sugar products marketed by cooperatives in 1960-61 was higher than in all previous years as shown in table 24.

California continued to lead all other States in the value of sugar products

marketed in 1960-61, with sales amounting to almost $223.2 million[8]. Colorado continued in second place with sales of almost $34 million.

## Tobacco

A total of 32 cooperatives marketed tobacco in 1960-61 with a value of almost $140 million (table 38 on page 58). No interassociation business was reported by these cooperatives. Thirty of these associations specialized in marketing tobacco and accounted for 99.96 percent of the total. The remainder was marketed by two farm supply associations.

[8]Includes sales of a cooperative with headquarters in California that operated in Hawaii.

The value of tobacco marketed by cooperatives in 1960-61 was lower than in any year since 1950-51 as shown in table 24.

North Carolina was in first place in the value of tobacco marketed by cooperatives in 1960-61 with sales amounting

Table 24. - *Estimated value of special crops marketed by cooperatives, 1950-51 to 1960-61*

| Period | Beans and peas (dry edible) | Rice | Sugar products | Tobacco | Total |
|---|---|---|---|---|---|
| | | | *$1,000* | | |
| | | Gross value (includes intercooperative business) | | | |
| 1950-51 | 31,945 | 131,191 | 149,785 | 125,842 | 438,763 |
| 1951-52 | 42,612 | 149,677 | 147,313 | 173,399 | 513,001 |
| 1952-53 | 40,163 | 176,423 | 119,895 | 168,307 | 504,788 |
| 1953-54 | 39,125 | 182,952 | 129,484 | 158,850 | 510,411 |
| 1954-55 | 38,939 | 174,582 | 132,278 | 216,946 | 562,745 |
| 1955-56 | 39,216 | 165,305 | 125,041 | 189,989 | 519,551 |
| 1956-57 | 34,660 | 165,040 | 286,262 | 199,586 | 685,548 |
| 1957-58 | 34,698 | 167,142 | 349,688 | 145,161 | 696,689 |
| 1958-59 | 39,743 | 157,341 | 331,575 | 175,092 | 703,751 |
| 1959-60 | 41,598 | 167,680 | 336,952 | 241,287 | 787,517 |
| 1960-61[1] | 46,641 | 179,573 | 371,457 | 139,896 | 737,567 |
| | | Net vâlue (excludes intercooperative business) | | | |
| 1950-51 | 25,030 | 90,729 | 149,785 | 125,842 | 391,386 |
| 1951-52 | 35,888 | 111,585 | 147,313 | 173,399 | 468,185 |
| 1952-53 | 33,177 | 135,654 | 119,895 | 168,307 | 457,033 |
| 1953-54 | 31,526 | 141,818 | 129,484 | 158,850 | 461,678 |
| 1954-55 | 32,242 | 140,182 | 132,278 | 216,946 | 521,648 |
| 1955-56 | 29,537 | 132,922 | 125,041 | 189,989 | 477,489 |
| 1956-57 | 27,842 | 140,392 | 286,262 | 199,586 | 654,082 |
| 1957-58 | 26,702 | 145,012 | 349,688 | 145,161 | 666,563 |
| 1958-59 | 27,450 | 135,212 | 331,575 | 175,092 | 669,329 |
| 1959-60 | 28,849 | 145,018 | 336,952 | 241,287 | 752,106 |
| 1960-61[1] | 33,900 | 155,743 | 371,457 | 139,896 | 700,996 |

[1]Preliminary.

to more than $51 million. Kentucky was in second place with sales of almost $38 million.

## WOOL AND MOHAIR

A total of 284 cooperatives marketed wool and mohair in 1960-61 with a gross value of almost $23.2 million (table 38 on page 58). Net sales, after duplication arising from business done between cooperatives was eliminated, amounted to almost $22.5 million. This interassociation business of more than $720,000 represented sales made by regional cooperatives for other associations.

Gross sales of 182 cooperatives whose business was predominantly wool marketing amounted to almost $21.2 million. Their net sales, after duplication resulting from interassociation business was eliminated, amounted to more than $20.6 million and accounted for 91.9 percent of the total net volume of wool marketed by all types of cooperatives.

There were 102 cooperatives of other types that marketed wool as a sideline activity in 1960-61. Their net sales of wool amounted to more than $1.8 million. Included in these associations of other types were 15 grain cooperatives, with net sales of wool amounting to more than $972,000; 72 farm supply cooperatives with net sales of almost $606,000; and 12 livestock associations with net sales of almost $225,000. The remaining wool sales amounting to a net value of more than $18,000 were made by one nut and two poultry cooperatives.

The value of wool marketed by cooperatives in 1960-61 was slightly lower than in the previous year as shown in table 25.

Table 25. - *Estimated value of wool and mohair marketed by cooperatives, 1950-51 to 1960-61*

| Period | Value of sales: Gross (includes intercooperative business) | Value of sales: Net (excludes intercooperative business) |
|---|---|---|
| | *$1,000* | |
| 1950-51 | 30,882 | 29,270 |
| 1951-52 | 46,170 | 42,031 |
| 1952-53 | 39,398 | 35,465 |
| 1953-54 | 34,456 | 32,259 |
| 1954-55 | 31,767 | 29,039 |
| 1955-56 | 28,986 | 25,425 |
| 1956-57 | 30,957 | 24,386 |
| 1957-58 | 23,862 | 19,725 |
| 1958-59 | 28,754 | 27,822 |
| 1959-60 | 23,291 | 22,527 |
| 1960-61[1] | 23,192 | 22,471 |

[1]Preliminary.

South Dakota continued in first place in the net value of wool and mohair marketed by cooperatives in 1960-61, with almost $2.2 million, and Utah was in second place with $2.1 million.

## MISCELLANEOUS

The miscellaneous group of farm products included forest products, fur pelts, hay, hops, seed marketed for growers, nursery stock, tung oil, coffee, and other farm products not separately classified.

The gross value of such miscellaneous farm products marketed by 209 cooperatives in 1960-61 amounted to more than $46.4 million (table 38 on page 59). Net sales, after duplication arising from interassociation business was eliminated, amounted to more than $44.2 million.

A total of 62 cooperatives whose business was predominantly marketing miscellaneous farm products had gross sales

of almost $37.9 million. Their net sales, after duplication resulting from business done between cooperatives was eliminated, amounted to more than $37.8 million and represented 85.5 percent of the total net value of miscellaneous farm products marketed by all types of cooperatives in 1960-61.

A total of 147 cooperatives of other types had net sales of miscellaneous farm products amounting to almost $6.4 million.

Among these associations of other types marketing miscellaneous farm products were 95 farm supply cooperatives with net sales of $4.3 million; 38 grain associations with net sales of almost $1.2 million; 6 dairy associations with almost $251,000; and 1 cotton association with $165,000. The remaining sales of miscellaneous farm products with a net value of almost $484,000 were made by two dry bean associations, one fruit and vegetable association, one livestock association, one poultry association, and two service associations.

The value of miscellaneous farm products marketed by cooperatives in 1960-61 was slightly lower than in the previous year as shown in table 26.

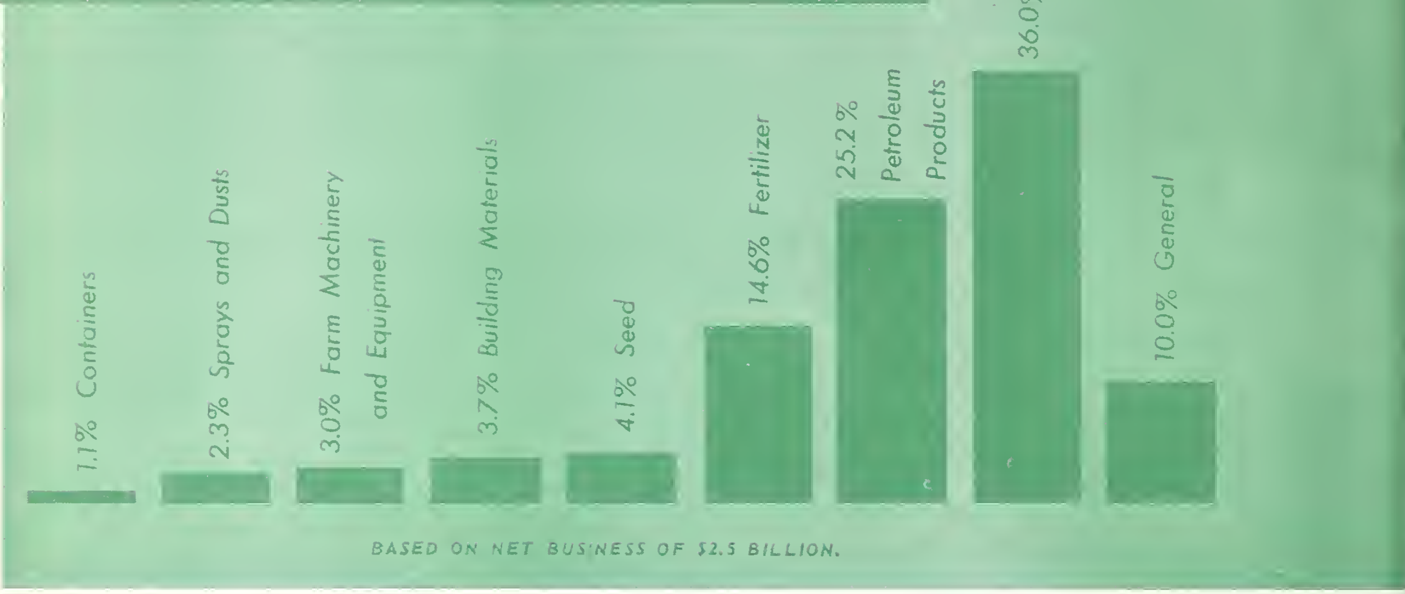
Table 26. - *Estimated value of miscellaneous farm products marketed by cooperatives, 1950-51 to 1960-61*

| Period | Value of sales | |
|---|---|---|
| | Gross (includes intercooperative business) | Net (excludes intercooperative business) |
| | *$1,000* | |
| 1950-51 | 81,591 | 74,168 |
| 1951-52 | 54,064 | 45,962 |
| 1952-53 | 65,318 | 57,719 |
| 1953-54 | 72,868 | 66,510 |
| 1954-55 | 100,860 | 94,335 |
| 1955-56 | 52,881 | 45,998 |
| 1956-57 | 54,453 | 47,919 |
| 1957-58 | 55,898 | 50,299 |
| 1958-59 | 46,089 | 43,023 |
| 1959-60 | 48,500 | 45,355 |
| 1960-61[1] | 46,426 | 44,231 |

[1]Preliminary.

California continued in first place in the net value of miscellaneous farm products marketed by cooperatives, with more than $17.2 million. Wisconsin retained second place with net sales of more than $5.2 million and Washington stayed in third place with net sales of almost $3.8 million.

FIG. 13 - RELATIVE IMPORTANCE OF MAJOR FARM SUPPLIES PURCHASED BY COOPERATIVE PATRONS, 1960-61




## Farm Supplies

The 1960-61 survey provided information on 10 major categories of farm supplies purchased by patrons of farmer cooperatives. These were building materials, containers and packaging supplies, farm machinery and equipment, feed, fertilizer, meats and groceries, petroleum products, seed, sprays and dusts (farm chemicals), and miscellaneous supplies.

An estimated 7,016 cooperatives of all types handled one or more of the major farm supplies in 1960-61. The total gross sales of these farm supplies amounted to more than $3.74 billion (table 38 on page 63). This gross volume of business represented the value of supplies handled by local and regional cooperatives for their patrons, including business done between cooperatives.

The net value of all supplies handled by farmer cooperatives amounted to more than $2.47 billion. This net volume was the amount remaining after duplication arising from interassociation business was eliminated. It did not include the value at manufacturing or wholesale level of supplies purchased by other cooperatives from regional cooperatives.

The net volume of more than $2.47 billion amounted to 66 percent of the gross volume and represented business done directly with individual patrons. The interassociation business of $1.27 billion accounted for 34 percent of the gross volume and represented the value at manufacturing or wholesale level of all types of supplies purchased by cooperatives from regional associations.

The 34 percent for interassociation business in farm supplies compares with 20.6 percent for all farm products marketed.

This interassociation business gave some indication of the extent to which local cooperatives have united in federated organizations to obtain more favorable prices and quality control in purchasing their farm production supplies. While it reflected the effect of integration, it was not a measure of the extent of integration that has occurred within regional cooperatives. It did, however, include the business volume of separate manufacturing federations organized by regional cooperatives to assist in providing the kind and quality of production supplies required by farmer patrons.

The total of 7,016 cooperatives handling supplies included 3,221[9] farm supply cooperatives, 3,701 marketing cooperatives, and 94 service cooperatives. On a percentage basis, this represented almost 65 percent of the marketing cooperatives and almost 44 percent of the service cooperatives. These percentages compared with 65 and 43, respectively, in the previous year (table 10).

The 3,221 cooperatives that specialized in handling farm supplies had a gross supply business amounting to almost $2.96 billion. The net value of the supply business of these 3,221 farm supply cooperatives, after duplication resulting from business done between cooperatives was eliminated, amounted to more than $1.82 billion, representing almost 74 percent of the total net value of supplies handled by all types of farmer cooperatives.

[9]Does not include a newly organized cooperative that was not yet in operation.

Operations of regional farm supply cooperatives vary. The primary function of a few cooperatives is manufacturing supplies; many engage in both manufacturing and wholesaling; others wholesale and retail; and some distribute supplies through independent dealer agents and farmer order takers and direct to large producers. In some transactions, the price level is neither strictly wholesale nor retail.

Because of the complexity in the operations of many of these regional cooperatives, it is not practical to attempt to present separate tabulations in this report on the manufacturing, wholesale, or retail volume of the various supplies handled.

Based on net dollar volume, the major supply items ranked as follows in 1960-61: Feed, $890.8 million; petroleum products, $621.9 million; fertilizer, $361.6 million; seed, $100.3 million; building materials, $91.4 million; farm machinery and equipment, $75.2 million; sprays and dusts (farm chemicals), $56.4 million; meats and groceries, $51.9 million; containers and packaging supplies, $26.6 million; and miscellaneous supplies, $196.2 million. Figure 13 shows the relative importance of these major categories of farm supplies.

The value of all types of farm supplies handled by farmer cooperatives in 1960-61 was more than in all previous years as shown in table 27. The gross value in 1960-61 exceeded 1959-60 by 2.3 percent and the net value was up almost 2.7 percent (table 27).

Feed continued to lead in the value of farm production supplies handled by cooperatives. The gross value of almost $1.21 billion in 1960-61 exceeded the gross value of almost $1.2 billion in

Table 27. - *Estimated value of all farm supplies handled by cooperatives, 1950-51 to 1960-61*

| Period | Value of sales | |
|---|---|---|
| | Gross (includes intercooperative business) | Net (excludes intercooperative business) |
| | *$1,000* | |
| 1950-51 | 2,437,521 | 1,685,413 |
| 1951-52 | 2,762,095 | 1,918,723 |
| 1952-53 | 2,866,908 | 2,013,768 |
| 1953-54 | 2,841,727 | 1,978,052 |
| 1954-55 | 2,921,859 | 2,021,617 |
| 1955-56 | 2,972,696 | 2,046,086 |
| 1956-57 | 3,152,985 | 2,145,939 |
| 1957-58 | 3,269,400 | 2,187,490 |
| 1958-59 | 3,549,922 | 2,371,061 |
| 1959-60 | 3,659,969 | 2,408,157 |
| 1960-61[1] | 3,744,711 | 2,472,286 |

[1]Preliminary.

1959-60 by 0.6 percent and the net value of almost $890.8 million was up 0.5 percent over the $885.9 million reported in 1959-60. Feed represented 36 percent of the total net value of farm supplies handled by cooperatives.

Petroleum products remained in second place in value of farm supplies handled by cooperatives with a gross value of almost $992 million and a net value of more than $621.9 million. This represented an increase of almost 2.8 percent over the gross volume of $965.2 million and of 4.3 percent over the net volume of $596.2 million in 1959-60. Petroleum products accounted for almost 25.2 percent of the total net value of farm production supplies handled by cooperatives in 1960-61.

Fertilizer remained in third place in farm supplies handled by cooperatives with a gross value of almost $630.4 million and a net value of almost $361.6 million. This was an increase of 8 percent over the gross volume of $583.6 million in 1959-60 and of 8.1 percent over the net volume of $334.4 million in the previous year. Fertilizer represented more than 14.6 percent of the net value of all production supplies handled by cooperatives in 1960-61.

Feed, petroleum products, and fertilizer combined accounted for almost 76 percent of the total net value of all production supplies handled by cooperatives in 1960-61.

Iowa continued in first place in the net value of all supplies handled by cooperatives in 1960-61 with almost $173.3 million. New York moved up from third place to take over second place with almost $156.5 million and Minnesota dropped from second to third place with more than $155.7 million.

## FARM MACHINERY AND OTHER EQUIPMENT

A total of 1,839 cooperatives of all types handled farm machinery and other equipment in 1960-61 with a gross value of almost $104.8 million (table 38 on page 60). Other equipment includes dairy and poultry equipment, water systems, irrigation equipment, and similar equipment used in farm production.

After duplication arising from business done between cooperatives was eliminated, the net value of farm machinery and other equipment handled by farmer cooperatives in 1960-61 amounted to almost $75.2 million (table 28).

The interassociation business of $29.6 million, representing the value at manufacturing or wholesale level of farm

Table 28. - *Estimated value of farm machinery and other equipment handled by cooperatives, 1950-51 to 1960-61*

| Period | Value of sales | |
|---|---|---|
| | Gross (includes intercooperative business) | Net (excludes intercooperative business) |
| | *$1,000* | |
| 1950-51 | 107,007 | 68,106 |
| 1951-52 | 126,318 | 76,459 |
| 1952-53 | 114,937 | 74,337 |
| 1953-54 | 96,885 | 69,770 |
| 1954-55 | 93,813 | 64,991 |
| 1955-56 | 98,159 | 68,718 |
| 1956-57 | 101,968 | 71,368 |
| 1957-58 | 100,125 | 72,239 |
| 1958-59 | 108,749 | 76,246 |
| 1959-60 | 110,081 | 76,472 |
| 1960-61[1] | 104,774 | 75,169 |

[1]Preliminary.

machinery and other equipment purchased by other cooperatives from regional cooperatives, amounted to 28.3 percent of the gross value. Net value, representing purchases made directly by individual patrons, amounted to 71.7 percent of the gross volume.

A total of 1,239 farm supply cooperatives handled farm machinery and other equipment with a gross value of almost $76.3 million. Their net sales, after duplication resulting from intercooperative business was eliminated, amounted to more than $48.8 million and represented almost 65 percent of the total net value of farm machinery and other equipment handled by all cooperatives in 1960-61.

The net value of farm machinery and other equipment handled by 600 cooperatives of other types amounted to more than $26.3 million. A total of 327 grain cooperatives handled farm machinery and equipment with a net value of more than $14.3 million. Next in importance were 156 dairy cooperatives with a net volume of almost $8.2 million.

The remaining sales of farm machinery and other equipment made by other types of cooperatives had a net value of more than $3.8 million and were reported by 46 cotton associations, 41 fruit and vegetable associations, 13 poultry associations, 5 dry bean associations, 4 miscellaneous marketing associations, 3 livestock associations, 2 nut associations, and 1 each of rice, tobacco, and wool associations.

Wisconsin moved into first place in the net value of farm machinery and other equipment handled by cooperatives with almost $6.2 million, putting Ohio in second place with more than $5.9 million. New York was in third place with more than $5.6 million followed closely by Indiana with almost $5.2 million.

## FEED

Feed, including feed grains and hay, continued to lead all other supply items handled by cooperatives in dollar value in 1960-61 (table 38 on page 60). A total of 4,412 cooperatives handled feed in 1960-61 with a gross value of more than $1.2 billion (table 29 and figure 14).

The net value, after duplication arising from interassociation business was eliminated, amounted to almost $891 million. This net value of $891 million represented purchases of feed made directly by individual patrons and accounted for 73.9 percent of the gross volume. The interassociation business of almost $314.7 million, representing the value at manufacturing or wholesale level of feed purchased by other cooperatives from

Table 29. - *Estimated value of feed handled by cooperatives, 1950-51 to 1960-61*

| Period | Value of sales | |
|---|---|---|
| | Gross (includes intercooperative business) | Net (excludes intercooperative business) |
| | *$1,000* | |
| 1950-51 | 911,089 | 694,794 |
| 1951-52 | 1,069,484 | 810,937 |
| 1952-53 | 1,118,693 | 848,598 |
| 1953-54 | 1,066,723 | 810,432 |
| 1954-55 | 1,071,860 | 808,125 |
| 1955-56 | 1,018,486 | 774,769 |
| 1956-57 | 1,079,344 | 804,914 |
| 1957-58 | 1,099,969 | 809,127 |
| 1958-59 | 1,222,317 | 895,555 |
| 1959-60 | 1,198,680 | 885,924 |
| 1960-61[1] | 1,205,445 | 890,785 |

[1]Preliminary.

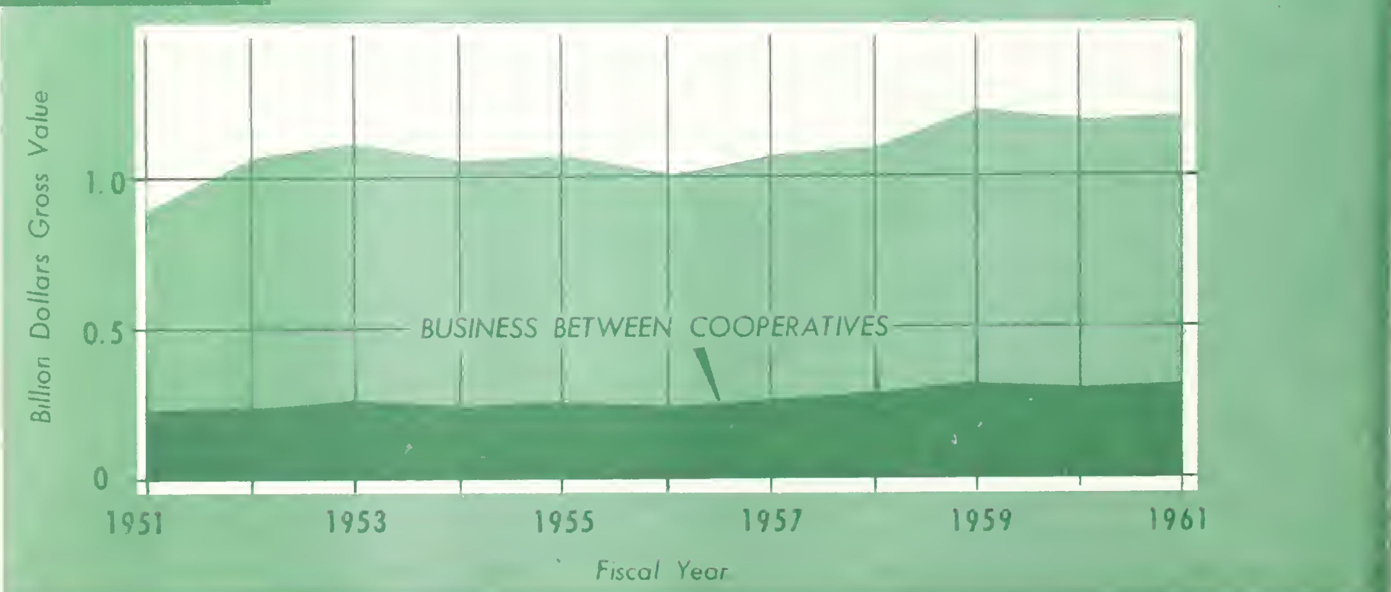
regional cooperatives, amounted to 26.1 percent of the gross value.

A total of 1,940 farm supply cooperatives had a gross volume of feed amounting to more than $886.5 million. Their net sales, after duplication resulting from interassociation business was eliminated, amounted to almost $626.5 million and accounted for 70.3 percent of the net value of feed handled by all types of cooperatives in 1960-61.

Among other types of cooperatives that handled feed as a sideline, 1,748 grain associations ranked first with net sales of more than $170.4 million. Thirty-two poultry cooperatives had net feed sales of more than $35 million; 449 dairy cooperatives had net feed sales of $32.7 million; 182 cotton cooperatives had net sales of almost $11.3 million; and 26 livestock cooperatives had net sales of more than $5.8 million.

The remaining sales amounting to a net value of almost $8.8 million were made by 7 dry bean associations, 11 fruit and vegetable associations, 1 nut association, 5 rice associations, 2 tobacco

FIG. 14 - FEED



associations, 2 wool associations, 4 miscellaneous marketing associations, and 3 service associations.

New York continued in first place in the net value of feed handled by cooperatives, with more than $98.3 million. California stayed in second place with net sales of almost $62.1 million. Iowa retained third place with almost $53.5 million and Pennsylvania continued in fourth place with net sales of more than $50.8 million.

## FERTILIZER

Fertilizer, including anhydrous ammonia, rock phosphate, basic slag, and lime, continued to rank third in the value of farm production supplies handled by cooperatives in 1960-61 (table 38 on page 61). The value of fertilizer handled by cooperatives has steadily increased (table 30 and figure 15).

A total of 4,276 cooperatives handled fertilizer in 1960-61 with a gross value of $630.4 million. After duplication resulting from interassociation business was eliminated, the net volume amounted to almost $361.6 million. This net volume, representing business done directly with individual patrons, amounted to almost 57.4 percent of the total gross value. The interassociation business of $268.8 million, representing the value at manufacturing or wholesale level of fertilizer purchased by other cooperatives from regional cooperatives, amounted to 42.6 percent of the gross value.

A total of 2,211 farm supply cooperatives handled fertilizer with a gross value of almost $503.9 million. Their net sales, after business done between cooperatives was eliminated, amounted to almost $259.2 million and represented

Table 30. - *Estimated value of fertilizer handled by cooperatives, 1950-51 to 1960-61*

| Period | Value of sales | |
|---|---|---|
| | Gross (includes intercooperative business) | Net (excludes intercooperative business) |
| | *$1,000* | |
| 1950-51 | 261,362 | 156,229 |
| 1951-52 | 296,810 | 183,654 |
| 1952-53 | 345,741 | 216,317 |
| 1953-54 | 372,218 | 232,239 |
| 1954-55 | 396,979 | 250,000 |
| 1955-56 | 418,688 | 261,369 |
| 1956-57 | 436,426 | 274,814 |
| 1957-58 | 460,320 | 283,596 |
| 1958-59 | 518,000 | 314,268 |
| 1959-60 | 583,628 | 334,404 |
| 1960-61[1] | 630,393 | 361,563 |

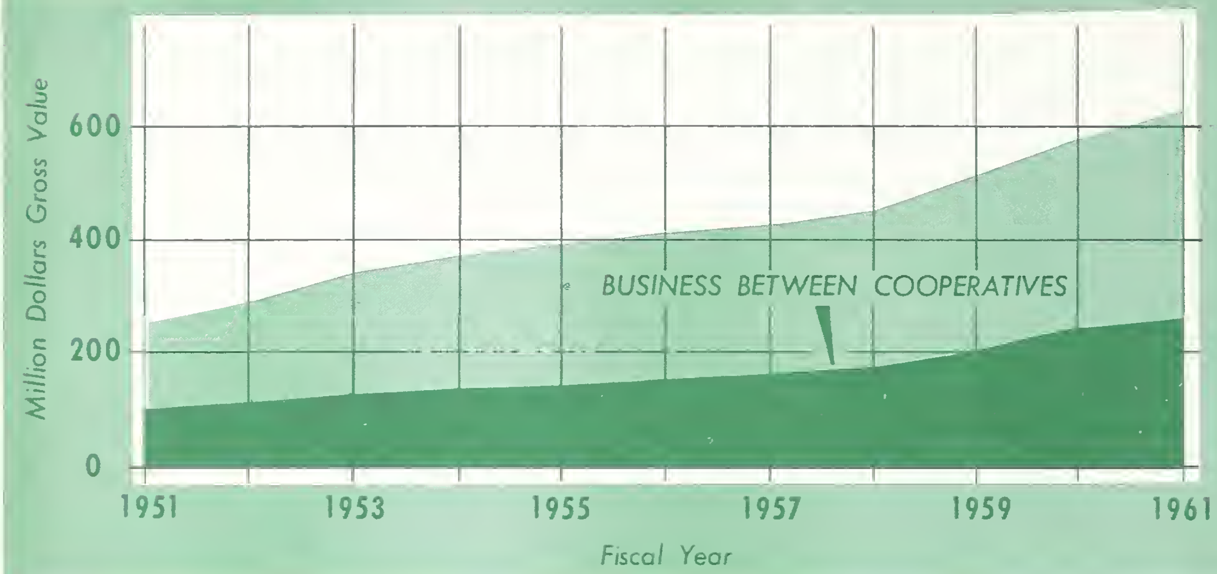
[1]Preliminary.

71.7 percent of the total net value of fertilizer handled by all cooperatives in 1960-61.

A total of 1,424 grain cooperatives handled fertilizer as a sideline with a net value of more than $71.5 million; 214 fruit and vegetable associations had net fertilizer sales of almost $11.7 million; 128 cotton associations had net sales of more than $6.8 million; and 213 dairy associations had net sales of more than $4.8 million.

The remaining fertilizer sales amounting to more than $7.5 million were made by 7 dry bean associations, 24 livestock associations, 6 nut associations, 10 poultry associations, 18 rice associations, 4 sugar products associations, 2 tobacco associations, 1 wool association, 9 miscellaneous marketing associations, and 5 service associations.

FIG. 15 - FERTILIZER




Illinois continued to lead all other States in the net value of fertilizer handled by cooperatives, with almost $27.5 million. Mississippi retained second place with net sales of more than $25.4 million. Iowa moved into third place with more than $21.1 million.

## PETROLEUM PRODUCTS

Petroleum products continued to be the second most important supply group handled by cooperatives. The gross value of petroleum products handled by 2,798 cooperatives in 1960-61 amounted to almost $992 million (table 38 on page 61).

The net value of petroleum products handled by cooperatives, after duplication resulting from interassociation business was eliminated, amounted to more than $621.9 million, representing 62.7 percent of the gross value. The value of petroleum products handled by cooperatives continued to show a steady increase (table 31 and figure 16).

Interassociation business amounting to $370 million represented the value at manufacturing or wholesale level of petroleum products purchased by other

Table 31. - *Estimated value of petroleum products handled by cooperatives, 1950-51 to 1960-61*

| Period | Value of sales | |
|---|---|---|
| | Gross (includes intercooperative business) | Net (excludes intercooperative business) |
| | $1,000 | |
| 1950-51 | 585,005 | 377,013 |
| 1951-52 | 653,610 | 421,524 |
| 1952-53 | 674,940 | 436,274 |
| 1953-54 | 705,527 | 448,131 |
| 1954-55 | 731,210 | 465,668 |
| 1955-56 | 783,810 | 493,605 |
| 1956-57 | 845,858 | 529,679 |
| 1957-58 | 896,053 | 552,415 |
| 1958-59 | 930,356 | 580,150 |
| 1959-60 | 965,184 | 596,180 |
| 1960-61[1] | 991,950 | 621,910 |

[1]Preliminary.

cooperatives from regional cooperatives. This interassociation business accounted for 37.3 percent of the gross value.

A total of 2,068 farm supply cooperatives handled a gross volume of petroleum products amounting to almost $884.3 million. Their net volume of petroleum products, after duplication resulting from interassociation business was eliminated, amounted to more than $532.6 million and represented 85.6 percent of the total net volume of petroleum products handled by all cooperatives.

Grain cooperatives continued to be the most important among other types of cooperatives handling petroleum products as a sideline, with 571 associations handling a net volume of petroleum products amounting to almost $77.8 million. A total of 62 dairy cooperatives had a net volume of $3.9 million and 6 poultry cooperatives had net sales of more than $2.9 million.

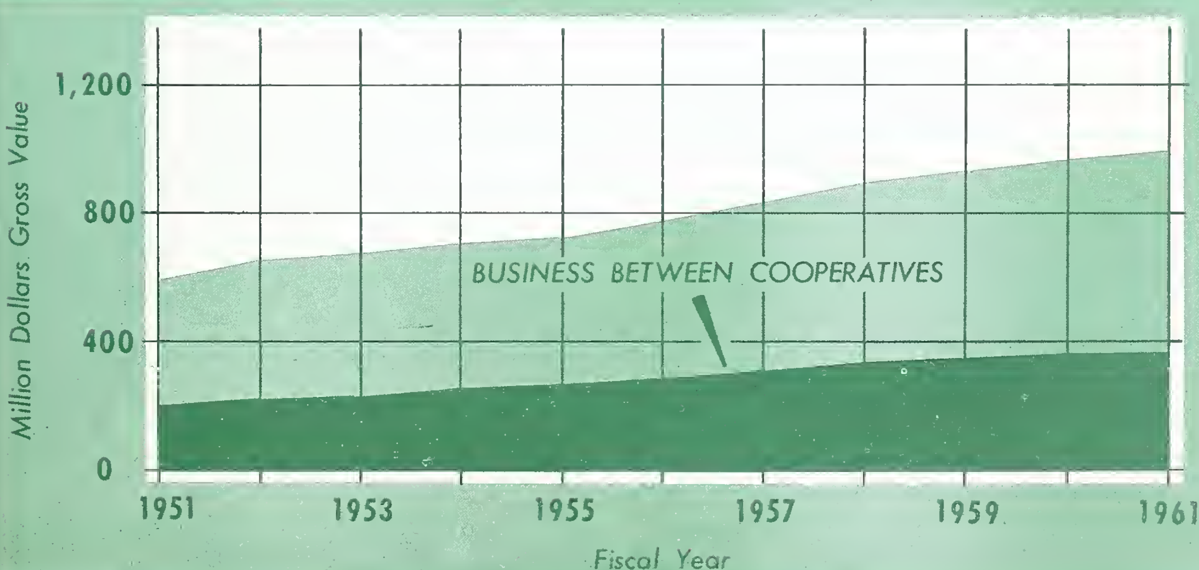
The remainder of these sales of petroleum products by other types of cooperatives amounted to more than $4.6 million and were made by 3 dry bean associations, 55 cotton associations, 26 fruit and vegetable associations, 5 livestock associations, 1 rice association, and 1 sugar products association.

Iowa continued in first place in net value of petroleum products handled by cooperatives with almost $61.6 million. Minnesota retained second place with more than $58.2 million and Illinois remained in third place with more than $55.4 million.

## SEED

Seed continued to rank fourth in the value of major supplies handled by cooperatives in 1960-61 (table 38 on page 62). A total of 3,912 cooperatives had gross sales of seed amounting to more than $139.4 million.

FIG. 16 - PETROLEUM PRODUCTS



The net value, after duplication resulting from interassociation business was eliminated, amounted to more than $100.3 million. This net value, representing direct purchases by individual patrons, amounted to almost 72 percent of the gross value. The interassociation volume of almost $39.1 million represented the value at manufacturing or wholesale level of seed purchased by other cooperatives from regional cooperatives and accounted for 28 percent of the total gross value.

The value of seed handled by cooperatives in 1960-61 was slightly less than in 1959-60 as shown in table 32.

A total of 1,792 farm supply cooperatives handled seed in 1960-61 with a gross value of almost $101.1 million. Their net sales, after duplication resulting from interassociation business was eliminated, amounted to almost $66.8 million and represented more than 66.5 percent of the net value of seed handled by all types of cooperatives.

Table 32. - *Estimated value of seed handled by cooperatives, 1950-51 to 1960-61*

| Period | Value of sales | |
|---|---|---|
| | Gross (includes intercooperative business) | Net (excludes intercooperative business) |
| | *$1,000* | |
| 1950-51 | 123,337 | 90,480 |
| 1951-52 | 128,792 | 95,001 |
| 1952-53 | 134,046 | 101,306 |
| 1953-54 | 126,727 | 94,551 |
| 1954-55 | 139,081 | 99,747 |
| 1955-56 | 133,485 | 97,298 |
| 1956-57 | 137,139 | 100,010 |
| 1957-58 | 133,471 | 95,864 |
| 1958-59 | 135,826 | 97,374 |
| 1959-60 | 141,446 | 101,635 |
| 1960-61[1] | 139,409 | 100,344 |

[1]Preliminary.

Grain cooperatives were most important among other types of cooperatives handling seed as a sideline, with 1,496 cooperatives having a net volume of almost $24.4 million. A total of 277 cotton cooperatives had net sales of seed amounting to more than $3.1 million; 205 dairy cooperatives had net sales of more than $1.8 million; and 75 fruit and vegetable cooperatives had net sales of almost $1.7 million.

The remaining seed sales with a net value of almost $2.6 million were made by 8 dry bean associations, 21 livestock associations, 3 nut associations, 9 poultry associations, 2 tobacco associations, 1 wool association, 12 miscellaneous marketing associations, 6 rice associations, and 5 service associations.

Illinois remained in first place in the net value of seed handled by cooperatives, with more than $6.5 million. Iowa moved out of fourth into second place with almost $5.8 million. Ohio retained third place with more than $5.6 million. Minnesota dropped from second to fourth place with more than $5.2 million.

## OTHER SUPPLIES[10]

This general category of other supplies included: Building materials, containers and packaging supplies, sprays and dusts (farm chemicals), meats and groceries, and miscellaneous supplies. These items combined had a gross value of almost $673 million. The net value, after duplication resulting from interassociation

[10]In addition to the miscellaneous farm supplies covered in this section of the report, cooperatives also purchased for their patrons stocker and feeder animals valued at $291.7 million. See discussion on livestock and livestock products, page 31.

business was eliminated, was $422.5 million.

## Building Materials

A total of 1,656 cooperatives handled building materials in 1960-61 with a gross value of almost $136.2 million (table 38 on page 59). The net value, after duplication resulting from interassociation business was eliminated, amounted to almost $91.4 million (table 33). This net value represented direct purchases by individual patrons and accounted for 67.1 percent of the gross value.

This interassociation volume of almost $44.8 million represented the value at manufacturing or wholesale level of building materials purchased by other cooperatives from regional cooperatives and amounted to 32.9 percent of the gross value.

Table 33. - *Estimated value of building materials handled by cooperatives, 1951-52 to 1960-61*

| Period | Value of sales | |
|---|---|---|
| | Gross (includes intercooperative business) | Net (excludes intercooperative business) |
| | *$1,000* | |
| 1951-52 | 72,953 | 40,255 |
| 1952-53 | 84,567 | 55,626 |
| 1953-54 | 89,810 | 61,985 |
| 1954-55 | 109,904 | 77,258 |
| 1955-56 | 111,914 | 79,075 |
| 1956-57 | 117,549 | 82,195 |
| 1957-58 | 111,998 | 76,321 |
| 1958-59 | 127,116 | 87,387 |
| 1959-60 | 138,814 | 91,114 |
| 1960-61[1] | 136,161 | 91,370 |

[1]Preliminary.

A total of 1,084 farm supply cooperatives handled building materials with a gross value of more than $99.7 million. After duplication resulting from interassociation business was eliminated, their net volume amounted to almost $61.3 million and represented 67.1 percent of the net value of building materials handled by all types of cooperatives.

A total of 508 grain cooperatives handled building materials with a net value of almost $25.6 million. Four poultry cooperatives had net sales of building materials amounting to almost $1.4 million and 14 livestock cooperatives had net sales of more than $1.6 million. The remaining sales of building materials had a net value of more than $1.5 million and were made by 2 dry bean associations, 10 cotton associations, 19 dairy associations, 11 fruit and vegetable associations, 2 rice associations, and 2 miscellaneous marketing associations.

Iowa continued in first place in the net value of building materials handled by cooperatives, with more than $16.6 million. Indiana remained in second place with almost $9.8 million and California retained third place with more than $6.9 million.

## Containers and Packaging Supplies

A total of 1,125 cooperatives handled containers and packaging supplies in 1960-61 with a gross value of almost $58.2 million (table 38 on page 60). Net value, after duplication resulting from interassociation business was eliminated, amounted to more than $26.6 million, or 45.8 percent of the gross value (table 34).

This interassociation business of almost $31.6 million, representing the value at wholesale or manufacturing level of

Table 34. - *Estimated value of containers and packaging supplies handled by cooperatives, 1951-52 to 1960-61*

| Period | Value of sales | |
|---|---|---|
| | Gross (includes intercooperative business) | Net (excludes intercooperative business) |
| | $1,000 | |
| 1951-52 | 44,937 | 17,799 |
| 1952-53 | 49,787 | 21,383 |
| 1953-54 | 52,830 | 25,512 |
| 1954-55 | 50,321 | 22,680 |
| 1955-56 | 52,858 | 25,283 |
| 1956-57 | 55,333 | 26,782 |
| 1957-58 | 56,521 | 26,899 |
| 1958-59 | 56,669 | 28,681 |
| 1959-60 | 59,970 | 27,725 |
| 1960-61[1] | 58,191 | 26,628 |

[1]Preliminary.

containers and packaging supplies purchased from regional cooperatives, amounted to 54.2 percent of the gross volume.

A large part of this volume consisted of packing boxes and cartons, paper and plastic bags, frozen food containers, and similar material used by local cooperative packinghouses or processing and locker plants in their own packing or processing operations. This is the reason for the very high percentage of interassociation business in containers and packaging supplies.

The gross volume of containers and packaging supplies handled by 387 farm supply cooperatives was more than $23.6 million. After duplication resulting from intercooperative business was eliminated, their net volume amounted to almost $2.8 million, representing 10.4 percent of the total net value of containers and packaging supplies handled by all types of cooperatives.

A total of 185 fruit and vegetable cooperatives had net sales of containers and packaging supplies amounting to more than $13.4 million; 287 cotton cooperatives had net sales of almost $6.2 million; 20 poultry cooperatives had net sales of almost $2 million; and 105 dairy cooperatives had net sales of almost $915,000.

The remaining net sales of containers and other packaging materials amounted to more than $1.3 million and were made by 4 dry bean associations, 36 grain associations, 1 livestock association, 1 nut association, 9 rice associations, 1 sugar association, 16 wool associations, 12 miscellaneous marketing associations, and 61 service associations.

Texas moved into first place in net sales of containers and packaging materials with almost $4.6 million. Washington remained in second place with more than $4 million and California was third with almost $2.4 million.

## Sprays and Dusts, (Farm Chemicals)

A total of 3,014 cooperatives handled sprays and dusts (farm chemicals) in 1960-61 with a gross value of more than $82.9 million (table 38 on page 62).

Net value, after duplication arising from business done between cooperatives was eliminated, amounted to more than $56.4 million and represented 68 percent of the total gross value. The interassociation business, amounting to almost $26.5 million, represented the value at manufacturing or wholesale level of sprays and dusts (farm chemicals) purchased by other cooperatives from regional cooperatives. This interassociation business represented 32 percent of the total gross value.

A total of 1,643 farm supply cooperatives had a gross volume of sprays and dusts (farm chemicals) amounting to almost $59.4 million. The net value, after duplication resulting from intercooperative business was eliminated, was more than $36.3 million, representing 64.4 percent of the total net value of sprays and dusts (farm chemicals) handled by all types of cooperatives.

A total of 197 fruit and vegetable cooperatives had net sales of sprays and dusts (farm chemicals) amounting to more than $8.7 million; 760 grain cooperatives had net sales of almost $5.7 million; 177 cotton cooperatives had net sales of almost $3.2 million; 166 dairy cooperatives had net sales of almost $764,000; and 14 poultry cooperatives had net sales of almost $584,000.

The remaining net sales of sprays and dusts (farm chemicals) amounted to almost $1.2 million and were made by 5 dry bean associations, 12 livestock associations, 6 nut associations, 6 rice associations, 2 sugar products associations, 8 wool associations, 13 miscellaneous marketing associations, and 5 service associations.

The value of sprays and dusts (farm chemicals) handled by cooperatives in 1960-61 was higher than in previous years (table 35).

Mississippi continued in first place in the net value of sprays and dusts (farm chemicals) handled by cooperatives in 1960-61, with almost $6.1 million. Washington moved into second place with $4.4 million. Florida was in third place with more than $4.3 million and California was fourth with more than $4.1 million.

Table 35. - *Estimated value of sprays and dusts (farm chemicals) handled by cooperatives, 1951-52 to 1960-61*

| Period | Value of sales | |
|---|---|---|
| | Gross (includes intercooperative business) | Net (excludes intercooperative business) |
| | *$1,000* | |
| 1951-52 | 33,167 | 24,663 |
| 1952-53 | 34,765 | 24,002 |
| 1953-54 | 37,886 | 26,606 |
| 1954-55 | 44,759 | 31,885 |
| 1955-56 | 50,116 | 35,599 |
| 1956-57 | 57,247 | 40,764 |
| 1957-58 | 63,224 | 43,054 |
| 1958-59 | 70,118 | 47,075 |
| 1959-60 | 78,639 | 53,202 |
| 1960-61[1] | 82,919 | 56,426 |

[1]Preliminary.

## Meats and Groceries

The gross value of meats and groceries handled by 896 cooperatives in 1960-61 amounted to almost $64 million (table 38 on page 61). Net value, after duplication arising from interassociation business was eliminated, totaled more than $51.9 million and represented 81.2 percent of the gross value.

The interassociation business of $12 million represented the value of meats and groceries purchased from regional cooperatives by other cooperatives and amounted to 18.8 percent of the gross value.

A total of 358 farm supply cooperatives had gross sales of meats and groceries amounting to almost $53.1 million. Their net sales, after duplication resulting from intercooperative business was eliminated, amounted to almost $41.1 million and represented 79 percent of the net value

of meats and groceries handled by all types of farmer cooperatives.

A total of 538 cooperatives of other types handled meats and groceries as a sideline with a net value of almost $10.9 million. Dairy cooperatives were important in this group of other types of cooperatives handling meats and groceries with 390 associations having net sales amounting to more than $4.3 million. Many dairy cooperatives purchase for their patrons dairy products such as cheese, butter, and ice cream, which these particular cooperatives do not process as a part of their own operations. Such dairy products purchased at wholesale for retail sales to patrons are included in this category of meats and groceries.

Grain cooperatives also handled a large volume of meats and groceries in 1960-61, with 69 associations handling a net volume amounting to more than $4 million. Sixty-five service cooperatives had net sales of meats and groceries amounting to almost $2.1 million. These service cooperatives were primarily locker plants.

The remainder of these sales of meats and groceries by other types of cooperatives had a net value of almost $430,000 and were made by two cotton associations, three fruit and vegetable associations, three livestock associations, and six poultry associations.

The value of meats and groceries handled by cooperatives in 1960-61 and earlier years is shown in table 36.

Missouri continued in first place in the net value of meats and groceries handled by farmer cooperatives with almost $9.8 million. Minnesota stayed in second place with more than $8.3 million and Wisconsin retained third place with more than $6.1 million.

Table 36. - *Estimated value of meats and groceries handled by cooperatives, 1951-52 to 1960-61*

| Period | Value of sales | |
|---|---|---|
| | Gross (includes intercooperative business) | Net (excludes intercooperative business) |
| | *$1,000* | |
| 1951-52 | 46,111 | 37,999 |
| 1952-53 | 53,809 | 45,666 |
| 1953-54 | 57,579 | 48,378 |
| 1954-55 | 53,949 | 46,607 |
| 1955-56 | 54,397 | 46,960 |
| 1956-57 | 57,258 | 49,018 |
| 1957-58 | 58,687 | 49,745 |
| 1958-59 | 62,841 | 52,513 |
| 1959-60 | 63,767 | 52,753 |
| 1960-61[1] | 63,971 | 51,937 |

[1]Preliminary.

## Miscellaneous Supplies

A total of 4,558 cooperatives handled miscellaneous supplies, including plant equipment, automotive supplies, hardware, baby chicks, and other supplies not separately classified, with a gross value of almost $331.5 million (table 38 on page 62).

Net value, after duplication resulting from business between cooperatives was eliminated, amounted to almost $196.2 million, representing 59.2 percent of the gross value. The interassociation business of $135.3 million, representing the value at manufacturing or wholesale level of miscellaneous supplies purchased by other cooperatives, amounted to 40.8 percent of the gross value.

A total of 2,364 farm supply cooperatives handled a gross volume of miscellaneous farm supplies amounting to $268.3

million. The net value of these miscellaneous supplies handled by farm supply cooperatives, after eliminating duplication resulting from interassociation business, was more than $148.8 million and accounted for almost 76 percent of the total net value of miscellaneous supplies handled by all types of cooperatives.

Cooperatives in each of the marketing categories handled various amounts of miscellaneous supplies in 1960-61. Grain cooperatives were particularly important with 1,294 associations having a net volume amounting to more than $26.8 million; 629 dairy cooperatives had net sales of almost $13.1 million; 89 cotton cooperatives had net sales of almost $3.2 million; 87 fruit and vegetable cooperatives had net sales of almost $1.3 million; and 27 poultry cooperatives had net sales of almost $1.2 million.

The remaining net volume of miscellaneous farm supplies handled by other types of cooperatives amounted to almost $1.8 million and were made by 4 dry bean associations, 23 livestock associations, 3 nut associations, 3 rice associations, 3 sugar products associations, 1 tobacco association, 4 wool associations, 5 miscellaneous marketing associations, and 22 service associations.

The value of miscellaneous farm supplies handled by cooperatives in 1960-61 and previous years is shown in table 37.

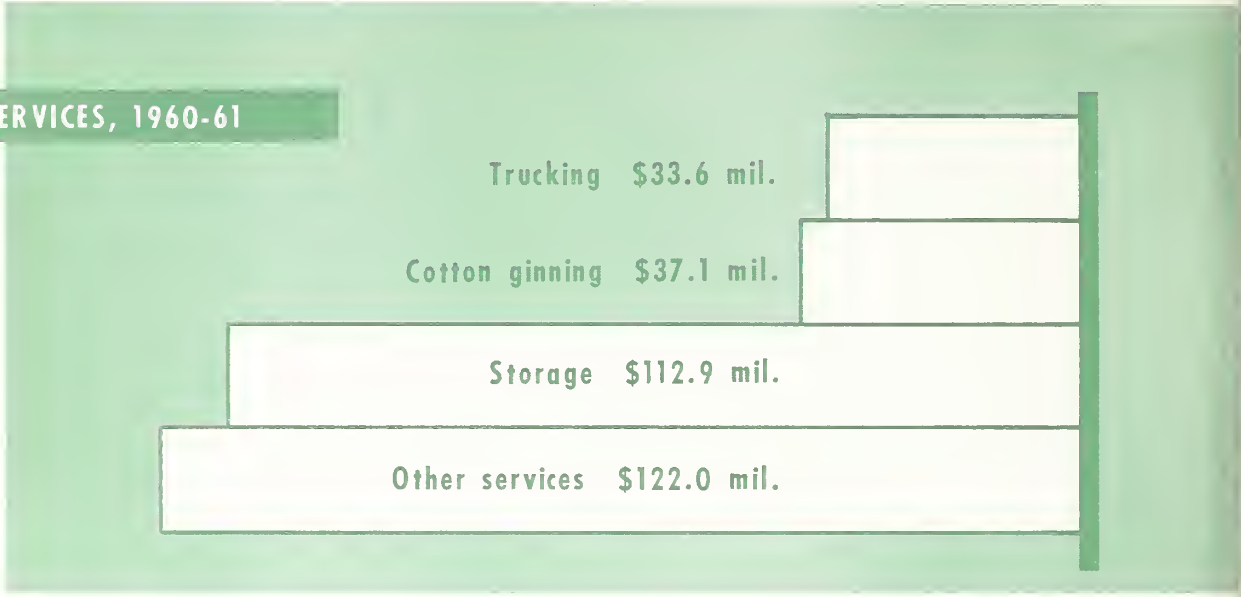
Table 37. - *Estimated value of miscellaneous farm supplies[1] handled by cooperatives, 1950-51 to 1960-61*

| Period | Value of sales | |
|---|---|---|
| | Gross (includes intercooperative business) | Net (excludes intercooperative business) |
| | *$1,000* | |
| 1950-51[2] | 449,721 | 298,791 |
| 1951-52 | 289,913 | 210,432 |
| 1952-53 | 255,623 | 190,259 |
| 1953-54 | 235,542 | 160,448 |
| 1954-55 | 229,983 | 154,656 |
| 1955-56 | 250,783 | 163,410 |
| 1956-57 | 264,863 | 166,395 |
| 1957-58 | 289,032 | 178,230 |
| 1958-59 | 317,930 | 191,812 |
| 1959-60 | 319,760 | 188,748 |
| 1960-61[3] | 331,498 | 196,154 |

[1]This commodity group includes plant equipment, automotive supplies, hardware, baby chicks, and other supplies not separately classified.
[2]Includes the value of building materials, containers and packaging supplies, sprays and dusts (farm chemicals), meats and groceries, as well as miscellaneous supplies not separately classified.
[3]Preliminary.

Wisconsin continued in first place in the net value of miscellaneous farm supplies handled by cooperatives in 1960-61 with more than $16.3 million. Minnesota moved into second place with more than $12.2 million and Virginia retained third place with almost $12.2 million. Ohio dropped from second to fourth place with almost $11.4 million.

FIG. 17 - SERVICES, 1960-61




# Services

A total of 5,561 cooperatives performed services for their patrons in 1960-61 with a value of almost $306 million (table 38 on page 63). This was an increase of almost 2.5 percent over service receipts reported in the previous year.

Storage revenue of $112.9 million represented 36.9 percent of total receipts for services performed by cooperatives. Cotton ginning revenue amounted to $37.1 million, representing 12.1 percent of the total service receipts. (If an additional $5.6 million in bagging and ties reported separately were included, total ginning revenue would be $42.7 million).

Receipts for trucking, including livestock trucking, amounted to $33.6 million and accounted for almost 11 percent of the total service revenue.

Cooperatives performed numerous other services for their patrons such as fruit and grain drying, locker plant operations, fruit picking and packing, feed grinding, repair of machinery and equipment, and similar important services. These other services were valued at $122.0 million and represented almost 40 percent of total receipts for all services.

Texas remained in first place in total receipts for services with almost $39.4 million. California continued in second place with almost $35.7 million and Kansas retained third place with almost $30.8 million. These amounts represented increases for each of the three States.

The value of services performed by cooperatives for their patrons has increased steadily since the 1950-51 survey when service receipts were first reported in these statistics. In 1950-51, cooperatives reported almost $100 million for services. The latest figure of almost $306 million reported for 1960-61 represents a significant increase since 1950-51.

Table 38. - Estimates of gross and net sales[1] of farmer marketing, farm supply, and related service cooperatives[2] by commodity groups, geographic divisions, and States, 1960-61[3]

| Geographic division and State | Beans and peas (dry edible) | | | | | Cotton and products | | | | | Dairy products | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Estimated number of cooperatives handling[4] | | | Value of sales[5] | | Estimated number of cooperatives handling[4] | | | Value of sales[5] | | Estimated number of cooperatives handling[4] | | | Value of sales | |
| | Head-quarters in State | Head-quarters out of State | Total in State | Gross (includes intercooperative business) $1,000 | Net (excludes intercooperative business) $1,000 | Head-quarters in State | Head-quarters out of State | Total in State | Gross (includes intercooperative business) $1,000 | Net (excludes intercooperative business) $1,000 | Head-quarters in State | Head-quarters out of State | Total in State | Gross (includes intercooperative business) $1,000 | Net (excludes intercooperative business) $1,000 |
| Maine | - | - | - | - | - | - | - | - | - | - | 3 | 2 | 5 | 18,768 | 18,768 |
| New Hampshire | - | - | - | - | - | - | - | - | - | - | 4 | 3 | 7 | 11,135 | 11,135 |
| Vermont | - | - | - | - | - | - | - | - | - | - | 15 | 6 | 21 | 75,866 | 75,085 |
| Massachusetts | - | - | - | - | - | - | - | - | - | - | 8 | 3 | 11 | 18,953 | 18,953 |
| Rhode Island | - | - | - | - | - | - | - | - | - | - | 1 | 2 | 3 | 5,918 | 5,918 |
| Connecticut | - | - | - | - | - | - | - | - | - | - | 5 | 2 | 7 | 27,933 | 27,933 |
| New England | - | - | - | - | - | - | - | - | - | - | 36 | - | - | 158,573 | 157,792 |
| New York | 25 | - | 25 | 5,019 | 3,758 | - | - | - | - | - | 116 | 8 | 124 | 468,490 | 355,589 |
| New Jersey | - | - | - | - | - | - | - | - | - | - | 3 | 3 | 6 | 18,502 | 10,696 |
| Pennsylvania | 1 | - | 1 | 178 | 178 | - | - | - | - | - | 41 | 9 | 50 | 219,785 | 197,906 |
| Middle Atlantic | 26 | - | - | 5,197 | 3,936 | - | - | - | - | - | 160 | - | - | 706,777 | 564,191 |
| Ohio | - | - | - | - | - | - | - | - | - | - | 32 | 4 | 36 | 151,874 | 139,515 |
| Indiana | - | - | - | - | - | - | - | - | - | - | 15 | 11 | 26 | 81,226 | 73,105 |
| Illinois | - | - | - | - | - | - | - | - | - | - | 40 | 5 | 45 | 101,065 | 98,269 |
| Michigan | 17 | - | 17 | 15,534 | 9,725 | - | - | - | - | - | 28 | 5 | 33 | 202,955 | 176,852 |
| Wisconsin | - | - | - | - | - | - | - | - | - | - | 294 | 9 | 303 | 533,306 | 434,578 |
| East North Central | 17 | - | - | 15,534 | 9,725 | - | - | - | - | - | 409 | - | - | 1,070,426 | 922,319 |
| Minnesota | - | - | - | - | - | - | - | - | - | - | 411 | 4 | 415 | 467,646 | 311,198 |
| Iowa | - | - | - | - | - | - | - | - | - | - | 173 | 6 | 179 | 184,902 | 141,566 |
| Missouri | - | - | - | - | - | 2 | 3 | 5 | 2,611 | 2,352 | 52 | 2 | 54 | 74,566 | 73,991 |
| North Dakota | 2 | - | 2 | 73 | 73 | - | - | - | - | - | 34 | 3 | 37 | 22,692 | 15,934 |
| South Dakota | - | - | - | - | - | - | - | - | - | - | 43 | 4 | 47 | 32,834 | 29,884 |
| Nebraska | - | 1 | 1 | 13 | 13 | - | - | - | - | - | 38 | 1 | 39 | 37,078 | 37,078 |
| Kansas | - | - | - | - | - | - | - | - | - | - | 27 | 6 | 33 | 60,302 | 60,209 |
| West North Central | 2 | - | - | 86 | 86 | 2 | - | - | 2,611 | 2,352 | 778 | - | - | 880,020 | 669,860 |
| Delaware | - | - | - | - | - | - | - | - | - | - | - | 1 | 1 | 4,284 | 4,284 |
| Maryland | - | - | - | - | - | - | - | - | - | - | 3 | 5 | 8 | 57,607 | 56,826 |
| Virginia | - | - | - | - | - | - | - | - | - | - | 18 | 4 | 22 | 63,621 | 63,621 |
| West Virginia | - | - | - | - | - | - | - | - | - | - | 4 | 7 | 11 | 14,078 | 14,078 |
| North Carolina | - | - | - | - | - | 1 | - | 1 | 7,800 | 7,800 | 14 | - | 14 | 39,354 | 39,354 |
| South Carolina | - | - | - | - | - | - | - | - | - | - | 4 | 1 | 5 | 14,455 | 14,455 |
| Georgia | - | - | - | - | - | 6 | - | 6 | 12,602 | 9,168 | 11 | 2 | 13 | 23,786 | 23,786 |
| Florida | - | - | - | - | - | 1 | - | 1 | 1 | 1 | 9 | - | 9 | 66,781 | 66,281 |
| South Atlantic | - | - | - | - | - | 8 | - | - | 20,403 | 16,969 | 63 | - | - | 283,966 | 282,685 |
| Kentucky | - | - | - | - | - | - | 1 | 1 | 6 | 6 | 6 | 7 | 13 | 37,199 | 34,356 |
| Tennessee | - | - | - | - | - | 3 | - | 3 | 1,354 | 1,354 | 6 | 5 | 11 | 29,954 | 29,594 |
| Alabama | - | - | - | - | - | 8 | 2 | 10 | 25,494 | 19,769 | 1 | 1 | 2 | 2,977 | 2,977 |
| Mississippi | - | - | - | - | - | 64 | 2 | 66 | 90,831 | 87,520 | 7 | 2 | 9 | 23,519 | 23,519 |
| East South Central | - | - | - | - | - | 75 | - | - | 117,685 | 108,649 | 20 | - | - | 93,649 | 90,446 |
| Arkansas | - | - | - | - | - | 33 | 3 | 36 | 20,915 | 19,321 | 1 | - | 1 | 15,298 | 15,298 |
| Louisiana | - | - | - | - | - | 5 | 3 | 8 | 5,158 | 4,777 | 5 | 1 | 6 | 24,347 | 24,347 |
| Oklahoma | - | - | - | - | - | 61 | 1 | 62 | 44,237 | 38,526 | 12 | 4 | 16 | 37,835 | 37,653 |
| Texas | - | - | - | - | - | 317 | - | 317 | 252,011 | 224,062 | 10 | 2 | 12 | 114,259 | 113,444 |
| West South Central | - | - | - | - | - | 416 | - | - | 322,321 | 286,686 | 28 | - | - | 191,739 | 190,742 |
| Montana | - | 2 | 2 | 660 | 93 | - | - | - | - | - | 7 | 1 | 8 | 4,386 | 4,026 |
| Idaho | 1 | 4 | 5 | 6,124 | 3,799 | - | - | - | - | - | 10 | 3 | 13 | 46,636 | 38,279 |
| Wyoming | 3 | 1 | 4 | 3,051 | 1,633 | - | - | - | - | - | 1 | - | 1 | 1,461 | 1,461 |
| Colorado | 10 | 1 | 11 | 4,561 | 3,200 | - | - | - | - | - | 7 | 3 | 10 | 26,835 | 26,019 |
| New Mexico | 1 | - | 1 | 97 | 97 | 23 | 2 | 25 | 24,364 | 22,608 | 1 | 2 | 3 | 8,119 | 7,303 |
| Arizona | - | - | - | - | - | 4 | 3 | 7 | 53,606 | 43,008 | 3 | 1 | 4 | 28,216 | 27,400 |
| Utah | - | - | - | - | - | - | - | - | - | - | 10 | - | 10 | 34,664 | 34,664 |
| Nevada | - | - | - | - | - | - | - | - | - | - | 3 | - | 3 | 2,772 | 2,772 |
| Mountain | 15 | - | - | 14,493 | 8,822 | 27 | - | - | 77,970 | 65,616 | 42 | - | - | 153,089 | 141,924 |
| Washington | 3 | - | 3 | 2,941 | 2,941 | - | - | - | - | - | 18 | 2 | 20 | 106,366 | 63,328 |
| Oregon | - | 2 | 2 | 549 | 549 | - | - | - | - | - | 24 | 3 | 27 | 53,524 | 40,138 |
| California | 2 | - | 2 | 7,841 | 7,841 | 33 | - | 33 | 132,158 | 116,200 | 29 | 2 | 31 | 191,522 | 116,463 |
| Pacific | 5 | - | - | 11,331 | 11,331 | 33 | - | - | 132,158 | 116,200 | 71 | - | - | 351,412 | 219,929 |
| TOTAL (48 States) | 65 | - | - | 46,641 | 33,900 | 561 | - | - | 673,148 | 596,472 | 1,607 | - | - | 3,889,651 | 3,239,888 |
| Alaska | - | - | - | - | - | - | - | - | - | - | 2 | - | 2 | [6] | [6] |
| Hawaii | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| UNITED STATES | 65 | - | - | 46,641 | 33,900 | 561 | - | - | 673,148 | 596,472 | 1,609 | - | - | 3,889,651 | 3,239,888 |

See end of table for footnote references.

Table continued on following page.

Table 38. - Estimates of gross and net sales[1] of farmer marketing, farm supply, and related service cooperatives[2] by commodity groups, geographic divisions, and States, 1960-61[3] - Continued

| Geographic division and State | Fruits and vegetables | | | | | Grain, soybeans, meal, and oil | | | | | Livestock and livestock products | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Estimated number of cooperatives handling[4] | | | Value of sales | | Estimated number of cooperatives handling[4] | | | Value of sales[5] | | Estimated number of cooperatives handling[4] | | | Value of sales | |
| | Headquarters in State | Headquarters out of State | Total in State | Gross (includes intercooperative business) $1,000 | Net (excludes intercooperative business) $1,000 | Headquarters in State | Headquarters out of State | Total in State | Gross (includes intercooperative business) $1,000 | Net (excludes intercooperative business) $1,000 | Headquarters in State | Headquarters out of State | Total in State | Gross (includes intercooperative business) $1,000 | Net (excludes intercooperative business) $1,000 |
| Maine | 8 | - | 8 | 5,714 | 5,714 | 1 | - | 1 | 255 | 255 | - | - | - | - | - |
| New Hampshire | 2 | - | 2 | 549 | 549 | - | - | - | - | - | - | - | - | - | - |
| Vermont | 1 | - | 1 | (7) | (7) | - | - | - | - | - | 1 | - | 1 | 35 | 35 |
| Massachusetts | 2 | - | 2 | 12,003 | 12,003 | - | - | - | - | - | 1 | - | 1 | 791 | 791 |
| Rhode Island | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Connecticut | 3 | - | 3 | 1,265 | 1,265 | - | - | - | - | - | 1 | - | 1 | 44 | 44 |
| New England | 16 | - | - | 19,531 | 19,531 | 1 | - | - | 255 | 255 | 3 | - | - | 870 | 870 |
| New York | 24 | 1 | 25 | 35,725 | 35,725 | 68 | - | 68 | 5,500 | 3,883 | 3 | - | 3 | 20,844 | 20,844 |
| New Jersey | 18 | 1 | 19 | 23,808 | 23,808 | 11 | 1 | 12 | 1,254 | 1,128 | 3 | - | 3 | 4,432 | 4,432 |
| Pennsylvania | 16 | 2 | 18 | 35,995 | 35,995 | 22 | 1 | 23 | 1,784 | 1,098 | 9 | 3 | 12 | 4,662 | 4,645 |
| Middle Atlantic | 58 | - | - | 95,528 | 95,528 | 101 | - | - | 8,538 | 6,109 | 15 | - | - | 29,938 | 29,921 |
| Ohio | 15 | 2 | 17 | 16,158 | 15,942 | 174 | 1 | 175 | 233,636 | 137,112 | 7 | 3 | 10 | 171,655 | 170,110 |
| Indiana | 3 | 1 | 4 | 298 | 298 | 98 | 5 | 103 | 208,860 | 115,103 | 4 | 6 | 10 | 99,952 | 99,689 |
| Illinois | 8 | 1 | 9 | 2,562 | 2,562 | 208 | 4 | 212 | 334,251 | 247,097 | 30 | 4 | 34 | 211,885 | 169,943 |
| Michigan | 32 | 2 | 34 | 35,852 | 35,852 | 68 | 3 | 71 | 48,430 | 28,815 | 8 | 3 | 11 | 46,010 | 46,009 |
| Wisconsin | 9 | 2 | 11 | 9,472 | 9,472 | 45 | 2 | 47 | 5,325 | 5,105 | 92 | 3 | 95 | 73,109 | 46,490 |
| East North Central | 67 | - | - | 64,342 | 64,126 | 593 | - | - | 830,502 | 533,232 | 141 | - | - | 602,611 | 532,241 |
| Minnesota | 7 | - | 7 | 2,349 | 2,349 | 232 | 4 | 236 | 244,736 | 182,969 | 161 | 5 | 166 | 210,428 | 160,909 |
| Iowa | 3 | - | 3 | 606 | 606 | 294 | 4 | 298 | 310,601 | 216,903 | 40 | 10 | 50 | 128,465 | 127,790 |
| Missouri | 8 | 2 | 10 | 1,411 | 1,411 | 94 | 4 | 98 | 67,689 | 47,796 | 25 | 3 | 28 | 74,451 | 73,982 |
| North Dakota | 2 | - | 2 | 1,854 | 1,854 | 289 | 2 | 291 | 277,056 | 203,777 | 32 | 5 | 37 | 37,601 | 33,368 |
| South Dakota | - | - | - | - | - | 147 | 5 | 152 | 96,753 | 71,433 | 3 | 6 | 9 | 25,269 | 24,381 |
| Nebraska | 1 | - | 1 | 1,235 | 1,235 | 194 | - | 194 | 144,232 | 104,559 | 4 | 7 | 11 | 91,952 | 91,727 |
| Kansas | 1 | - | 1 | 118 | 118 | 254 | 7 | 261 | 392,758 | 232,810 | 4 | 5 | 9 | 18,992 | 18,734 |
| West North Central | 22 | - | - | 7,573 | 7,573 | 1,504 | - | - | 1,533,825 | 1,060,247 | 269 | - | - | 587,158 | 530,891 |
| Delaware | 3 | - | 3 | 3,116 | 3,116 | 10 | 1 | 11 | 5,300 | 4,631 | - | - | - | - | - |
| Maryland | 4 | - | 4 | 1,036 | 1,036 | 16 | 2 | 18 | 16,152 | 8,569 | - | - | - | - | - |
| Virginia | 10 | - | 10 | 2,092 | 2,092 | 17 | - | 17 | 11,777 | 9,324 | 23 | - | 23 | 17,942 | 17,942 |
| West Virginia | 1 | - | 1 | 12 | 12 | 2 | 1 | 3 | 431 | 375 | 11 | 2 | 13 | 3,585 | 3,571 |
| North Carolina | 10 | - | 10 | 2,048 | 2,048 | 2 | - | 2 | 3,590 | 3,414 | 4 | - | 4 | 3,324 | 3,295 |
| South Carolina | 7 | - | 7 | 2,167 | 2,167 | 1 | 1 | 2 | 897 | 853 | 3 | 1 | 4 | 676 | 669 |
| Georgia | 3 | - | 3 | 645 | 571 | 7 | - | 7 | 3,304 | 2,555 | 2 | - | 2 | 822 | 822 |
| Florida | 65 | 1 | 66 | 239,685 | 162,619 | 2 | 2 | 4 | 676 | 522 | 2 | - | 2 | 4,519 | 4,519 |
| South Atlantic | 103 | - | - | 250,801 | 173,661 | 57 | - | - | 42,127 | 30,243 | 45 | - | - | 30,868 | 30,818 |
| Kentucky | 8 | - | 8 | 135 | 135 | 2 | 1 | 3 | 2,426 | 1,692 | 14 | 5 | 19 | 22,978 | 21,297 |
| Tennessee | 6 | 1 | 7 | 1,294 | 1,283 | 3 | 1 | 4 | 182 | 171 | 3 | - | 3 | 4,710 | 4,710 |
| Alabama | 3 | - | 3 | 98 | 98 | 6 | 2 | 8 | 4,948 | 1,513 | 7 | 1 | 8 | 6,794 | 6,794 |
| Mississippi | 1 | - | 1 | 8 | 8 | 16 | - | 16 | 8,014 | 5,948 | 1 | - | 1 | 11,613 | 11,613 |
| East South Central | 18 | - | - | 1,535 | 1,524 | 27 | - | - | 15,570 | 9,324 | 25 | - | - | 46,095 | 44,414 |
| Arkansas | 7 | 1 | 8 | 3,826 | 3,826 | 11 | 1 | 12 | 27,018 | 22,845 | 2 | 1 | 3 | 368 | 320 |
| Louisiana | 8 | - | 8 | 983 | 983 | 1 | - | 1 | 392 | 392 | - | 2 | 2 | 516 | 436 |
| Oklahoma | 3 | - | 3 | 27 | 27 | 92 | 5 | 97 | 206,521 | 98,662 | 2 | 3 | 5 | 21,537 | 20,555 |
| Texas | 18 | - | 18 | 5,306 | 5,306 | 98 | 2 | 100 | 164,071 | 89,307 | 4 | 4 | 8 | 35,893 | 32,947 |
| West South Central | 36 | - | - | 10,142 | 10,142 | 202 | - | - | 398,002 | 211,206 | 8 | - | - | 58,314 | 54,258 |
| Montana | 2 | - | 2 | 616 | 616 | 53 | 1 | 54 | 88,945 | 49,521 | 3 | 6 | 9 | 26,000 | 25,557 |
| Idaho | 7 | 1 | 8 | 8,350 | 8,350 | 10 | 5 | 15 | 28,947 | 25,854 | 8 | 1 | 9 | 5,481 | 5,481 |
| Wyoming | - | - | - | - | - | 7 | 2 | 9 | 3,541 | 2,555 | - | 4 | 4 | 7,412 | 7,407 |
| Colorado | 21 | - | 21 | 14,001 | 8,585 | 28 | 4 | 32 | 48,218 | 30,477 | 1 | 3 | 4 | 48,143 | 48,141 |
| New Mexico | 5 | - | 5 | 1,802 | 1,802 | 4 | 1 | 5 | 5,873 | 3,438 | 1 | 2 | 3 | 4,308 | 4,276 |
| Arizona | 5 | 3 | 8 | 12,274 | 3,752 | 1 | - | 1 | 13 | 13 | - | 1 | 1 | 6,221 | 6,221 |
| Utah | 10 | - | 10 | 1,811 | 1,811 | 6 | - | 6 | 3,472 | 3,472 | 2 | - | 2 | 24,272 | 24,272 |
| Nevada | - | - | - | - | - | - | - | - | - | - | - | 2 | 2 | 3,470 | 3,470 |
| Mountain | 50 | - | - | 38,854 | 24,916 | 109 | - | - | 179,009 | 115,330 | 15 | - | - | 125,307 | 124,825 |
| Washington | 52 | 2 | 54 | 77,669 | 60,466 | 41 | 1 | 42 | 117,414 | 97,138 | 4 | - | 4 | 3,834 | 3,834 |
| Oregon | 22 | 4 | 26 | 76,089 | 59,428 | 20 | 4 | 24 | 70,782 | 34,357 | 2 | 2 | 4 | 2,745 | 2,745 |
| California | 243 | - | 243 | 707,439 | 422,207 | 5 | 1 | 6 | 7,058 | 7,026 | 3 | 1 | 4 | 76,796 | 76,434 |
| Pacific | 317 | - | - | 861,197 | 542,101 | 66 | - | - | 195,254 | 138,521 | 9 | - | - | 83,375 | 83,013 |
| TOTAL | 687 | - | - | 1,349,503 | 939,102 | 2,660 | - | - | 3,203,082 | 2,104,467 | 530 | - | - | 1,564,536 | 1,431,251 |
| Alaska | 1 | - | 1 | (6) | (6) | 1 | - | 1 | (6) | (6) | - | - | - | - | - |
| Hawaii | 9 | - | 9 | 2,225 | 2,200 | - | - | - | - | - | 2 | - | 2 | (6) | (6) |
| UNITED STATES | 697 | - | - | 1,351,728 | 941,302 | 2,661 | - | - | 3,203,082 | 2,104,467 | 532 | - | - | 1,564,536 | 1,431,251 |

See end of table for footnote references.

Table continued on following page.

Table 38. - Estimates of gross and net sales[1] of farmer marketing, farm supply, and related service cooperatives[2] by commodity groups, geographic divisions, and States, 1960-61[3] - Continued

| Geographic division and State | Nuts | | | | | Poultry products | | | | | Rice | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Estimated number of cooperatives handling[4] | | | Value of sales[5] | | Estimated number of cooperatives handling[4] | | | Value of sales | | Estimated number of cooperatives handling[4] | | | Value of sales[5] | |
| | Head-quarters in State | Head-quarters out of State | Total in State | Gross (includes intercooperative business) $1,000 | Net (excludes intercooperative business) $1,000 | Head-quarters in State | Head-quarters out of State | Total in State | Gross (includes intercooperative business) $1,000 | Net (excludes intercooperative business) $1,000 | Head-quarters in State | Head-quarters out of State | Total in State | Gross (includes intercooperative business) $1,000 | Net (excludes intercooperative business) $1,000 |
| Maine | - | - | - | - | - | 3 | - | 3 | 956 | 956 | - | - | - | - | - |
| New Hampshire | - | - | - | - | - | - | 3 | 3 | 3,393 | 3,221 | - | - | - | - | - |
| Vermont | - | - | - | - | - | 1 | - | 1 | 8 | 8 | - | - | - | - | - |
| Massachusetts | - | - | - | - | - | 3 | 1 | 4 | 8,840 | 8,472 | - | - | - | - | - |
| Rhode Island | - | - | - | - | - | - | 1 | 1 | 1,280 | 1,280 | - | - | - | - | - |
| Connecticut | - | - | - | - | - | 3 | 3 | 6 | 4,406 | 4,033 | - | - | - | - | - |
| New England | - | - | - | - | - | 10 | - | - | 18,883 | 17,970 | - | - | - | - | - |
| New York | - | - | - | - | - | 10 | - | 10 | 27,760 | 27,622 | - | - | - | - | - |
| New Jersey | - | - | - | - | - | 12 | 2 | 14 | 20,191 | 18,129 | - | - | - | - | - |
| Pennsylvania | - | - | - | - | - | 11 | 2 | 13 | 17,611 | 17,176 | - | - | - | - | - |
| Middle Atlantic | - | - | - | - | - | 33 | - | - | 65,562 | 62,927 | - | - | - | - | - |
| Ohio | - | - | - | - | - | 11 | 1 | 12 | 32,024 | 21,652 | - | - | - | - | - |
| Indiana | - | - | - | - | - | 3 | - | 3 | 901 | 901 | - | - | - | - | - |
| Illinois | - | - | - | - | - | 8 | 1 | 9 | 83 | 83 | - | - | - | - | - |
| Michigan | - | - | - | - | - | 16 | - | 16 | 3,781 | 3,781 | - | - | - | - | - |
| Wisconsin | - | - | - | - | - | 15 | 2 | 17 | 21,124 | 16,535 | - | - | - | - | - |
| East North Central | - | - | - | - | - | 53 | - | - | 57,913 | 42,952 | - | - | - | - | - |
| Minnesota | - | - | - | - | - | 101 | 1 | 102 | 53,744 | 34,036 | - | - | - | - | - |
| Iowa | - | - | - | - | - | 24 | - | 24 | 13,696 | 13,696 | - | - | - | - | - |
| Missouri | 53 | - | 53 | 87 | 87 | 132 | - | 132 | 14,158 | 5,372 | - | - | - | - | - |
| North Dakota | - | - | - | - | - | 9 | 1 | 10 | 1,067 | 768 | - | - | - | - | - |
| South Dakota | - | - | - | - | - | 26 | 1 | 27 | 6,681 | 6,531 | - | - | - | - | - |
| Nebraska | - | - | - | - | - | 37 | 1 | 38 | 10,191 | 7,098 | - | - | - | - | - |
| Kansas | 1 | 1 | 2 | 283 | 146 | 20 | - | 20 | 3,806 | 3,806 | - | - | - | - | - |
| West North Central | 54 | - | - | 370 | 233 | 349 | - | - | 103,343 | 71,307 | - | - | - | - | - |
| Delaware | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Maryland | - | - | - | - | - | 1 | 1 | 2 | 2,012 | 2,012 | - | - | - | - | - |
| Virginia | 1 | - | 1 | 9 | 9 | 8 | 1 | 9 | 27,012 | 26,914 | - | - | - | - | - |
| West Virginia | - | - | - | - | - | - | 3 | 3 | 5,869 | 5,869 | - | - | - | - | - |
| North Carolina | 2 | 1 | 3 | 244 | 244 | 11 | - | 11 | 15,881 | 15,458 | - | - | - | - | - |
| South Carolina | - | 1 | 1 | 22 | 22 | 4 | 1 | 5 | 1,827 | 1,721 | - | - | - | - | - |
| Georgia | 11 | - | 11 | 43,209 | 41,800 | 10 | - | 10 | 35,320 | 34,685 | - | - | - | - | - |
| Florida | 2 | 1 | 3 | 6,841 | 6,796 | 4 | - | 4 | 3,640 | 3,640 | - | - | - | - | - |
| South Atlantic | 16 | - | - | 50,325 | 48,871 | 38 | - | - | 91,561 | 90,299 | - | - | - | - | - |
| Kentucky | - | - | - | - | - | 1 | - | 1 | 24 | 24 | - | - | - | - | - |
| Tennessee | 2 | 1 | 3 | 27 | 27 | 2 | - | 2 | 41 | 41 | - | - | - | - | - |
| Alabama | 1 | 1 | 2 | 2,018 | 1,745 | 7 | 1 | 8 | 21,518 | 21,518 | - | - | - | - | - |
| Mississippi | 4 | 1 | 5 | 910 | 184 | 16 | - | 16 | 7,104 | 7,104 | 3 | - | 3 | 3,254 | 3,254 |
| East South Central | 7 | - | - | 2,955 | 1,956 | 26 | - | - | 28,687 | 28,687 | 3 | - | - | 3,254 | 3,254 |
| Arkansas | - | 1 | 1 | 267 | 40 | 2 | - | 2 | 3,523 | 3,523 | 17 | - | 17 | 45,469 | 45,470 |
| Louisiana | 1 | 1 | 2 | 1,339 | 612 | 1 | - | 1 | 141 | 141 | 18 | - | 18 | 12,500 | 8,854 |
| Oklahoma | 6 | 2 | 8 | 9,470 | 8,652 | 12 | - | 12 | 331 | 331 | - | - | - | - | - |
| Texas | 4 | 1 | 5 | 4,861 | 4,679 | 16 | 1 | 17 | 7,510 | 4,859 | 18 | 1 | 19 | 63,115 | 42,930 |
| West South Central | 11 | - | - | 15,937 | 13,983 | 31 | - | - | 11,505 | 8,854 | 53 | - | - | 121,084 | 97,254 |
| Montana | - | - | - | - | - | 1 | - | 1 | 23 | 23 | - | - | - | - | - |
| Idaho | - | - | - | - | - | 1 | 2 | 3 | 1,404 | 1,361 | - | - | - | - | - |
| Wyoming | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Colorado | - | - | - | - | - | 3 | - | 3 | 3,255 | 3,255 | - | - | - | - | - |
| New Mexico | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Arizona | - | 1 | 1 | 79 | 79 | - | - | - | - | - | - | - | - | - | - |
| Utah | - | - | - | - | - | 4 | - | 4 | 18,021 | 11,742 | - | - | - | - | - |
| Nevada | - | - | - | - | - | 1 | - | 1 | 58 | 58 | - | - | - | - | - |
| Mountain | - | - | - | 79 | 79 | 10 | - | - | 22,761 | 16,439 | - | - | - | - | - |
| Washington | 1 | 1 | 2 | 163 | 163 | 1 | 1 | 2 | 20,974 | 20,136 | - | - | - | - | - |
| Oregon | 5 | - | 5 | 2,152 | 2,152 | 2 | 3 | 5 | 15,306 | 12,842 | - | - | - | - | - |
| California | 22 | - | 22 | 72,906 | 56,715 | 13 | 1 | 14 | 65,863 | 51,525 | 6 | - | 6 | 55,235 | 55,235 |
| Pacific | 28 | - | - | 75,221 | 59,030 | 16 | - | - | 102,143 | 84,503 | 6 | - | - | 55,235 | 55,235 |
| TOTAL (48 States) | 116 | - | - | 144,887 | 124,152 | 566 | - | - | 502,358 | 423,938 | 62 | - | - | 179,573 | 155,743 |
| Alaska | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Hawaii | - | - | - | - | - | 1 | - | 1 | (6) | (6) | - | - | - | - | - |
| UNITED STATES | 116 | - | - | 144,887 | 124,152 | 567 | - | - | 502,358 | 423,938 | 62 | - | - | 179,573 | 155,743 |

See end of table for footnote references.
Table continued on following page.

Table 38. - Estimates of gross and net sales[1] of farmer marketing, farm supply, and related service cooperatives[2] by commodity groups, geographic divisions, and States, 1960-61[3] - Continued

| Geographic division and State | Sugar products: Estimated number of cooperatives handling[4]: Head-quarters in State | Sugar products: Head-quarters out of State | Sugar products: Total in State | Sugar products: Value of sales: Gross (includes intercoop-erative business) $1,000 | Sugar products: Net (excludes intercoop-erative business) $1,000 | Tobacco: Estimated number of cooperatives handling[4]: Head-quarters in State | Tobacco: Head-quarters out of State | Tobacco: Total in State | Tobacco: Value of sales[5]: Gross (includes intercoop-erative business) $1,000 | Tobacco: Net (excludes intercoop-erative business) $1,000 | Wool and mohair: Estimated number of cooperatives handling[4]: Head-quarters in State | Wool and mohair: Head-quarters out of State | Wool and mohair: Total in State | Wool and mohair: Value of sales: Gross (includes intercoop-erative business) $1,000 | Wool and mohair: Net (excludes intercoop-erative business) $1,000 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Maine | - | - | - | - | - | - | - | - | - | - | 1 | 1 | 2 | 67 | 67 |
| New Hampshire | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Vermont | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Massachusetts | 1 | - | 1 | 25 | 25 | 1 | - | 1 | 1,346 | 1,346 | 2 | - | 2 | (8) | (8) |
| Rhode Island | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Connecticut | - | - | - | - | - | - | 1 | 1 | 1,645 | 1,645 | - | - | - | - | - |
| New England | 1 | - | - | 25 | 25 | 1 | - | - | 2,991 | 2,991 | 3 | - | - | 67 | 67 |
| New York | 1 | - | 1 | 300 | 300 | - | - | - | - | - | 3 | 2 | 5 | 57 | 38 |
| New Jersey | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Pennsylvania | - | - | - | - | - | - | - | - | - | - | 29 | 1 | 30 | 550 | 514 |
| Middle Atlantic | 1 | - | - | 300 | 300 | - | - | - | - | - | 32 | - | - | 607 | 552 |
| Ohio | 2 | - | 2 | 727 | 727 | - | 1 | 1 | 504 | 504 | 3 | 1 | 4 | 1,015 | 1,015 |
| Indiana | - | - | - | - | - | - | 2 | 2 | 601 | 601 | 3 | - | 3 | 929 | 929 |
| Illinois | - | - | - | - | - | - | - | - | - | - | 4 | 1 | 5 | 40 | 40 |
| Michigan | 7 | - | 7 | 11,503 | 11,503 | - | - | - | - | - | 1 | 2 | 3 | 31 | 31 |
| Wisconsin | 1 | - | 1 | 579 | 579 | 2 | - | 2 | 2,157 | 2,157 | 1 | - | 1 | 546 | 546 |
| East North Central | 10 | - | - | 12,809 | 12,809 | 2 | - | - | 3,262 | 3,262 | 12 | - | - | 2,561 | 2,561 |
| Minnesota | 3 | - | 3 | 1,500 | 1,500 | - | - | - | - | - | 5 | 1 | 6 | 1,644 | 1,644 |
| Iowa | 1 | - | 1 | 7,078 | 7,078 | - | - | - | - | - | - | 1 | 1 | 1,143 | 1,143 |
| Missouri | - | - | - | - | - | 1 | 1 | 2 | 944 | 944 | 68 | - | 68 | 751 | 548 |
| North Dakota | - | 1 | 1 | 586 | 586 | - | - | - | - | - | 4 | - | 4 | 654 | 654 |
| South Dakota | 1 | - | 1 | 785 | 785 | - | - | - | - | - | 1 | 1 | 2 | 2,195 | 2,195 |
| Nebraska | 3 | - | 3 | 13,038 | 13,038 | - | - | - | - | - | - | 2 | 2 | 948 | 948 |
| Kansas | 1 | - | 1 | 525 | 525 | - | - | - | - | - | - | 1 | 1 | 864 | 864 |
| West North Central | 9 | - | - | 23,512 | 23,512 | 1 | - | - | 944 | 944 | 78 | - | - | 8,199 | 7,996 |
| Delaware | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Maryland | - | - | - | - | - | 2 | - | 2 | 7,128 | 7,128 | - | - | - | - | - |
| Virginia | - | - | - | - | - | 5 | 4 | 9 | 10,086 | 10,086 | 19 | 1 | 20 | [9]642 | [9]603 |
| West Virginia | - | - | - | - | - | - | 1 | 1 | 84 | 84 | 39 | - | 39 | [10]573 | [10]309 |
| North Carolina | - | - | - | - | - | 5 | 2 | 7 | 51,151 | 51,151 | - | - | - | - | - |
| South Carolina | - | - | - | - | - | - | 3 | 3 | 7,426 | 7,426 | 1 | - | 1 | 8 | 8 |
| Georgia | - | - | - | - | - | - | 1 | 1 | 6,058 | 6,058 | - | - | - | - | - |
| Florida | 1 | - | 1 | 40 | 40 | 1 | 1 | 2 | 2,425 | 2,425 | - | - | - | - | - |
| South Atlantic | 1 | - | - | 40 | 40 | 13 | - | - | 84,358 | 84,358 | 59 | - | - | 1,223 | 920 |
| Kentucky | 1 | - | 1 | 29 | 29 | 8 | 1 | 9 | 37,877 | 37,877 | 3 | 1 | 4 | 311 | 151 |
| Tennessee | - | - | - | - | - | 7 | 3 | 10 | 10,464 | 10,464 | 23 | 1 | 24 | 413 | 413 |
| Alabama | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Mississippi | - | - | - | - | - | - | - | - | - | - | 8 | - | 8 | 140 | 140 |
| East South Central | 1 | - | - | 29 | 29 | 15 | - | - | 48,341 | 48,341 | 34 | - | - | 864 | 704 |
| Arkansas | - | - | - | - | - | - | - | - | - | - | 1 | - | 1 | 2 | 2 |
| Louisiana | 9 | - | 9 | 16,050 | 16,050 | - | - | - | - | - | 3 | - | 3 | 81 | 81 |
| Oklahoma | - | - | - | - | - | - | - | - | - | - | - | 1 | 1 | 166 | 166 |
| Texas | - | - | - | - | - | - | - | - | - | - | 2 | - | 2 | 545 | 545 |
| West South Central | 9 | - | - | 16,050 | 16,050 | - | - | - | - | - | 6 | - | - | 794 | 794 |
| Montana | 5 | 1 | 6 | 16,624 | 16,624 | - | - | - | - | - | 22 | - | 22 | 1,786 | 1,786 |
| Idaho | 11 | 2 | 13 | 17,683 | 17,683 | - | - | - | - | - | 20 | 2 | 22 | 1,092 | 1,092 |
| Wyoming | 2 | - | 2 | 5,500 | 5,500 | - | - | - | - | - | 6 | 1 | 7 | 980 | 980 |
| Colorado | 2 | - | 2 | 33,962 | 33,962 | - | - | - | - | - | 2 | 2 | 4 | 505 | 505 |
| New Mexico | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Arizona | - | 1 | 1 | 4 | 4 | - | - | - | - | - | 1 | - | 1 | 100 | 100 |
| Utah | 9 | - | 9 | 7,991 | 7,991 | - | - | - | - | - | 5 | - | 5 | 2,096 | 2,096 |
| Nevada | - | - | - | - | - | - | - | - | - | - | 2 | - | 2 | 131 | 131 |
| Mountain | 29 | - | - | 81,764 | 81,764 | - | - | - | - | - | 58 | - | - | 6,690 | 6,690 |
| Washington | 1 | - | 1 | 10,250 | 10,250 | - | - | - | - | - | - | 1 | 1 | 204 | 204 |
| Oregon | 1 | 1 | 2 | 3,500 | 3,500 | - | - | - | - | - | 1 | - | 1 | 448 | 448 |
| California | 4 | - | 4 | 223,178 | 223,178 | - | - | - | - | - | 1 | 1 | 2 | 1,527 | 1,527 |
| Pacific | 6 | - | - | 236,928 | 236,928 | - | - | - | - | - | 2 | - | - | 2,179 | 2,179 |
| TOTAL (48 States) | 67 | - | - | 371,457 | 371,457 | 32 | - | - | 139,896 | 139,896 | 284 | - | - | 23,184 | 22,463 |
| Alaska | - | - | - | - | - | - | - | - | - | - | - | 1 | 1 | (6) | (6) |
| Hawaii | - | 1 | 1 | (11) | (11) | - | - | - | - | - | - | - | - | - | - |
| UNITED STATES | 67 | - | - | 371,457 | 371,457 | 32 | - | - | 139,896 | 139,896 | 284 | - | - | 23,184 | 22,463 |

See end of table for footnote references.

Table continued on following page.

Table 38. - Estimates of gross and net sales[1] of farmer marketing, farm supply, and related service cooperatives[2] by commodity groups, geographic divisions, and States, 1960-61[3] - Continued

| Geographic division and State | Miscellaneous[12] | | | | | Total farm products marketed | | | | | Building materials | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Estimated number of cooperatives handling[4] | | | Value of sales | | Estimated number of cooperatives handling[4] | | | Value of sales[5] | | Estimated number of cooperatives handling[4] | | | Value of sales | |
| | Head-quarters in State | Head-quarters out of State | Total in State | Gross (includes intercoop-erative business) $1,000 | Net (excludes intercoop-erative business) $1,000 | Head-quarters in State | Head-quarters out of State | Total in State | Gross (includes intercoop-erative business) $1,000 | Net (excludes intercoop-erative business) $1,000 | Head-quarters in State | Head-quarters out of State | Total in State | Gross (includes intercoop-erative business) $1,000 | Net (excludes intercoop-erative business) $1,000 |
| Maine | - | - | - | - | - | 12 | 3 | 15 | 25,760 | 25,760 | 3 | 1 | 4 | 85 | 21 |
| New Hampshire | - | - | - | - | - | 6 | 6 | 12 | 15,077 | 14,905 | - | 1 | 1 | 1 | 1 |
| Vermont | - | - | - | - | - | 15 | 6 | 21 | 75,909 | 75,128 | 2 | 1 | 3 | 7 | 7 |
| Massachusetts | - | - | - | - | - | 18 | 4 | 22 | 41,958 | 41,590 | 6 | 1 | 7 | 190 | 111 |
| Rhode Island | - | - | - | - | - | 1 | 3 | 4 | 7,198 | 7,198 | - | - | - | - | - |
| Connecticut | - | - | - | - | - | 10 | 6 | 16 | 35,293 | 34,920 | 7 | 1 | 8 | 57 | 57 |
| New England | - | - | - | - | - | 62 | - | - | 201,195 | 199,501 | 18 | - | - | 340 | 197 |
| New York | 29 | - | 29 | 2,217 | 2,185 | 247 | 11 | 258 | 565,912 | 449,944 | 191 | 1 | 192 | 8,327 | 2,830 |
| New Jersey | 1 | - | 1 | 210 | 210 | 43 | 6 | 49 | 68,397 | 58,403 | 15 | 1 | 16 | 1,092 | 316 |
| Pennsylvania | 2 | - | 2 | 279 | 279 | 122 | 17 | 139 | 280,844 | 257,791 | 55 | 3 | 58 | 3,295 | 889 |
| Middle Atlantic | 32 | - | - | 2,706 | 2,674 | 412 | - | - | 915,153 | 766,138 | 261 | - | - | 12,714 | 4,035 |
| Ohio | 5 | - | 5 | 431 | 431 | 238 | 13 | 251 | 608,024 | 487,008 | 119 | - | 119 | 8,121 | 4,821 |
| Indiana | 27 | - | 27 | 144 | 144 | 120 | 25 | 145 | 392,911 | 290,770 | 96 | 2 | 98 | 16,677 | 9,795 |
| Illinois | 3 | 1 | 4 | 759 | 759 | 292 | 15 | 307 | 650,645 | 518,753 | 126 | 3 | 129 | 7,908 | 5,007 |
| Michigan | 4 | - | 4 | 504 | 504 | 147 | 15 | 162 | 364,600 | 313,072 | 62 | 4 | 66 | 7,087 | 4,462 |
| Wisconsin | 6 | - | 6 | 5,229 | 5,229 | 452 | 17 | 469 | 650,847 | 520,691 | 101 | 2 | 103 | 3,850 | 2,510 |
| East North Central | 45 | - | - | 7,067 | 7,067 | 1,249 | - | - | 2,667,027 | 2,130,294 | 504 | - | - | 43,643 | 26,595 |
| Minnesota | 6 | - | 6 | 53 | 53 | 826 | 15 | 841 | 982,100 | 694,658 | 72 | 4 | 76 | 5,336 | 4,415 |
| Iowa | 5 | - | 5 | 77 | 77 | 494 | 21 | 515 | 646,568 | 508,859 | 214 | 6 | 220 | 18,069 | 16,629 |
| Missouri | 39 | - | 39 | 1,012 | 1,012 | 191 | 15 | 206 | 237,680 | 207,495 | 69 | 1 | 70 | 4,787 | 3,281 |
| North Dakota | - | - | - | - | - | 358 | 11 | 369 | 341,583 | 257,014 | 38 | 4 | 42 | 6,277 | 6,210 |
| South Dakota | 5 | - | 5 | 433 | 433 | 194 | 16 | 210 | 164,950 | 135,642 | 46 | 5 | 51 | 4,652 | 4,386 |
| Nebraska | 2 | - | 2 | 493 | 493 | 240 | 12 | 252 | 299,180 | 256,189 | 76 | 3 | 79 | 4,616 | 3,506 |
| Kansas | 5 | - | 5 | 131 | 131 | 277 | 19 | 296 | 477,779 | 317,343 | 74 | 1 | 75 | 3,884 | 2,516 |
| West North Central | 62 | - | - | 2,199 | 2,199 | 2,580 | - | - | 3,149,840 | 2,377,200 | 589 | - | - | 47,621 | 40,943 |
| Delaware | - | - | - | - | - | 13 | 2 | 15 | 12,700 | 12,031 | - | - | - | - | - |
| Maryland | 3 | - | 3 | 247 | 247 | 29 | 7 | 36 | 84,182 | 75,818 | 5 | - | 5 | 102 | 102 |
| Virginia | 1 | - | 1 | 3 | 3 | 93 | 10 | 103 | 133,184 | 130,594 | 11 | 2 | 13 | 2,779 | 803 |
| West Virginia | 1 | - | 1 | 21 | 21 | 53 | 12 | 65 | 24,653 | 24,319 | 2 | 1 | 3 | 11 | 11 |
| North Carolina | 1 | - | 1 | 2 | 2 | 39 | 3 | 42 | 123,394 | 122,766 | 1 | 2 | 3 | 2,940 | 1,331 |
| South Carolina | 1 | - | 1 | [7] | [7] | 16 | 5 | 21 | 27,478 | 27,321 | 1 | 1 | 2 | 945 | 711 |
| Georgia | 1 | - | 1 | 400 | 400 | 43 | 3 | 46 | 126,146 | 119,845 | 11 | 1 | 12 | 880 | 322 |
| Florida | 2 | - | 2 | 218 | 218 | 86 | 3 | 89 | 324,826 | 247,061 | 1 | - | 1 | 5 | 5 |
| South Atlantic | 10 | - | - | 891 | 891 | 372 | - | - | 856,563 | 759,755 | 32 | - | - | 7,662 | 3,285 |
| Kentucky | - | - | - | - | - | 43 | 16 | 59 | 100,985 | 95,567 | 5 | - | 5 | 79 | 79 |
| Tennessee | 2 | - | 2 | 38 | 38 | 53 | 12 | 65 | 48,477 | 48,095 | 33 | 1 | 34 | 2,030 | 1,038 |
| Alabama | 1 | - | 1 | 124 | 124 | 25 | 5 | 30 | 63,971 | 54,538 | 6 | 1 | 7 | 111 | 54 |
| Mississippi | 3 | - | 3 | 1,914 | 1,914 | 107 | 4 | 111 | 147,307 | 141,204 | 13 | 2 | 15 | 670 | 173 |
| East South Central | 6 | - | - | 2,076 | 2,076 | 228 | - | - | 360,740 | 339,404 | 57 | - | - | 2,890 | 1,344 |
| Arkansas | 1 | - | 1 | 45 | 45 | 67 | 6 | 73 | 116,731 | 110,690 | 22 | 3 | 25 | 1,968 | 683 |
| Louisiana | - | - | - | - | - | 49 | 6 | 55 | 61,507 | 56,673 | 3 | - | 3 | 121 | 121 |
| Oklahoma | 5 | - | 5 | 279 | 279 | 154 | 15 | 169 | 320,403 | 204,851 | 31 | 3 | 34 | 1,968 | 1,358 |
| Texas | 6 | - | 6 | 508 | 508 | 449 | 10 | 459 | 648,079 | 518,587 | 10 | 2 | 12 | 248 | 44 |
| West South Central | 12 | - | - | 832 | 832 | 719 | - | - | 1,146,720 | 890,801 | 66 | - | - | 4,305 | 2,206 |
| Montana | 1 | - | 1 | 19 | 19 | 89 | 11 | 100 | 139,059 | 98,265 | 17 | 1 | 18 | 742 | 742 |
| Idaho | 5 | 3 | 8 | 1,257 | 1,251 | 64 | 17 | 81 | 116,974 | 103,150 | 11 | 3 | 14 | 920 | 416 |
| Wyoming | 3 | - | 3 | 50 | 50 | 16 | 8 | 24 | 21,995 | 19,586 | 2 | - | 2 | 47 | 47 |
| Colorado | 1 | - | 1 | 7 | 7 | 66 | 13 | 79 | 179,487 | 154,151 | 14 | 1 | 15 | 888 | 584 |
| New Mexico | - | - | - | - | - | 33 | 7 | 40 | 44,563 | 39,524 | 2 | 1 | 3 | 65 | 33 |
| Arizona | - | - | - | - | - | 13 | 10 | 23 | 100,513 | 80,577 | 2 | 1 | 3 | 1,387 | 896 |
| Utah | 2 | - | 2 | 301 | 301 | 47 | - | 47 | 92,628 | 86,349 | 4 | 1 | 5 | 258 | 100 |
| Nevada | - | - | - | - | - | 5 | 2 | 7 | 6,431 | 6,431 | - | - | - | - | - |
| Mountain | 12 | - | - | 1,634 | 1,628 | 333 | - | - | 701,650 | 588,033 | 52 | - | - | 4,307 | 2,818 |
| Washington | 8 | - | 8 | 4,043 | 3,753 | 121 | 8 | 129 | 343,858 | 262,213 | 26 | 1 | 27 | 2,850 | 1,802 |
| Oregon | 9 | 2 | 11 | 4,596 | 3,400 | 80 | 16 | 96 | 229,691 | 159,559 | 19 | 3 | 22 | 1,625 | 697 |
| California | 10 | 2 | 12 | 17,887 | 17,216 | 375 | 7 | 382 | 1,559,410 | 1,151,567 | 29 | 2 | 31 | 7,675 | 6,919 |
| Pacific | 27 | - | - | 26,526 | 24,369 | 576 | - | - | 2,132,959 | 1,573,339 | 74 | - | - | 12,150 | 9,418 |
| TOTAL | 206 | - | - | 43,931 | 41,736 | 6,531 | - | - | 12,131,847 | 9,624,465 | 1,653 | - | - | 135,632 | 90,841 |
| Alaska | - | - | - | - | - | 2 | 1 | 3 | 3,268 | 3,268 | 1 | - | 1 | [6] | [6] |
| Hawaii | 3 | - | 3 | 2,495 | 2,495 | 15 | 1 | 16 | 8,607 | 8,582 | 2 | - | 2 | [6] | [6] |
| UNITED STATES | 209 | - | - | 46,426 | 44,231 | 6,548 | - | - | 12,143,722 | 9,636,315 | 1,656 | - | - | 135,632 | 90,841 |

See end of table for footnote references.

Table continued on following page

Table 38. - Estimates of gross and net sales[1] of farmer marketing, farm supply, and related service cooperatives[2] by commodity groups, geographic divisions, and States, 1960-61[3] - Continued

| Geographic division and State | Containers and packaging supplies | | | | | Farm machinery and equipment | | | | | Feed | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Estimated number of cooperatives handling[4] | | | Value of sales | | Estimated number of cooperatives handling[4] | | | Value of sales | | Estimated number of cooperatives handling[4] | | | Value of sales | |
| | Head-quarters in State | Head-quarters out of State | Total in State | Gross (includes intercoop-erative business) $1,000 | Net (excludes intercoop-erative business) $1,000 | Head-quarters in State | Head-quarters out of State | Total in State | Gross (includes intercoop-erative business) $1,000 | Net (excludes intercoop-erative business) $1,000 | Head-quarters in State | Head-quarters out of State | Total in State | Gross (includes intercoop-erative business) $1,000 | Net (excludes intercoop-erative business) $1,000 |
| Maine | 6 | 1 | 7 | 2,021 | 2,021 | 3 | 2 | 5 | 564 | 555 | 4 | 2 | 6 | 8,748 | 8,258 |
| New Hampshire | - | 2 | 2 | 7 | 7 | - | 1 | 1 | 7 | 7 | 1 | 3 | 4 | 3,161 | 2,681 |
| Vermont | 4 | 2 | 6 | 175 | 175 | 3 | 2 | 5 | 119 | 119 | 6 | 2 | 8 | 6,178 | 6,134 |
| Massachusetts | 7 | - | 7 | 128 | 128 | 3 | 4 | 7 | 76 | 39 | 11 | - | 11 | 18,310 | 15,661 |
| Rhode Island | - | - | - | - | - | - | 1 | 1 | (7) | (7) | - | 2 | 2 | 1,347 | 1,236 |
| Connecticut | 4 | 1 | 5 | 52 | 52 | 6 | - | 6 | 233 | 233 | 11 | 3 | 14 | 15,405 | 13,948 |
| New England | 21 | - | - | 2,383 | 2,383 | 15 | - | - | 999 | 953 | 33 | - | - | 53,149 | 47,918 |
| New York | 198 | 2 | 200 | 835 | 542 | 198 | 4 | 202 | 10,539 | 5,618 | 205 | 1 | 206 | 143,321 | 98,310 |
| New Jersey | 32 | 1 | 33 | 1,482 | 1,421 | 20 | 2 | 22 | 1,865 | 895 | 21 | 1 | 22 | 40,458 | 30,823 |
| Pennsylvania | 59 | 1 | 60 | 1,300 | 921 | 67 | 6 | 73 | 3,195 | 2,360 | 80 | 3 | 83 | 69,400 | 50,816 |
| Middle Atlantic | 289 | - | - | 3,617 | 2,884 | 285 | - | - | 15,599 | 8,873 | 306 | - | - | 253,179 | 179,949 |
| Ohio | 17 | - | 17 | 744 | 636 | 98 | 2 | 100 | 8,638 | 5,925 | 185 | 1 | 186 | 47,539 | 33,085 |
| Indiana | 6 | 1 | 7 | 83 | 71 | 87 | 6 | 93 | 7,039 | 5,171 | 107 | 1 | 108 | 45,765 | 26,379 |
| Illinois | 37 | 1 | 38 | 308 | 302 | 90 | 4 | 94 | 4,175 | 2,560 | 237 | 3 | 240 | 54,186 | 37,314 |
| Michigan | 26 | 1 | 27 | 789 | 783 | 58 | 5 | 63 | 2,169 | 1,812 | 105 | 6 | 111 | 25,919 | 19,222 |
| Wisconsin | 31 | 3 | 34 | 911 | 413 | 136 | 5 | 141 | 8,438 | 6,181 | 248 | 8 | 256 | 52,182 | 36,685 |
| East North Central | 117 | - | - | 2,835 | 2,205 | 469 | - | - | 30,459 | 21,649 | 882 | - | - | 225,591 | 152,685 |
| Minnesota | 74 | 3 | 77 | 1,848 | 417 | 189 | 3 | 192 | 7,289 | 4,557 | 586 | 5 | 591 | 56,749 | 41,292 |
| Iowa | 27 | 3 | 30 | 196 | 128 | 97 | 7 | 104 | 3,466 | 2,871 | 370 | 10 | 380 | 75,558 | 53,477 |
| Missouri | 18 | 3 | 21 | 103 | 88 | 50 | 3 | 53 | 2,578 | 1,459 | 176 | 2 | 178 | 79,870 | 49,352 |
| North Dakota | 9 | 2 | 11 | 108 | 80 | 85 | 3 | 88 | 4,305 | 2,107 | 273 | 10 | 283 | 8,677 | 6,543 |
| South Dakota | 6 | 2 | 8 | 56 | 33 | 55 | 3 | 58 | 2,435 | 1,426 | 181 | 11 | 192 | 11,476 | 9,535 |
| Nebraska | 9 | 3 | 12 | 298 | 58 | 87 | 4 | 91 | 4,008 | 3,009 | 214 | 4 | 218 | 16,933 | 13,843 |
| Kansas | 9 | 1 | 10 | 109 | 109 | 83 | 2 | 85 | 3,287 | 2,491 | 254 | 6 | 260 | 29,498 | 23,692 |
| West North Central | 152 | - | - | 2,718 | 913 | 646 | - | - | 27,368 | 17,920 | 2,054 | - | - | 278,761 | 197,734 |
| Delaware | 2 | 1 | 3 | 27 | 27 | - | - | - | - | - | 10 | 2 | 12 | 9,566 | 7,377 |
| Maryland | 2 | - | 2 | 9 | 9 | 6 | 1 | 7 | 1,204 | 1,204 | 36 | 2 | 38 | 16,369 | 12,429 |
| Virginia | 11 | - | 11 | 76 | 76 | 9 | 3 | 12 | 1,400 | 1,137 | 66 | - | 66 | 39,468 | 30,933 |
| West Virginia | 1 | - | 1 | 1 | 1 | 2 | 3 | 5 | 100 | 100 | 25 | 1 | 26 | 9,890 | 7,264 |
| North Carolina | 6 | - | 6 | 180 | 155 | 6 | 3 | 9 | 3,418 | 3,165 | 6 | 2 | 8 | 26,116 | 19,386 |
| South Carolina | 2 | 1 | 3 | 292 | 281 | 3 | 3 | 6 | 395 | 350 | 3 | 1 | 4 | 6,975 | 4,880 |
| Georgia | 4 | - | 4 | 37 | 37 | 15 | 2 | 17 | 1,016 | 924 | 44 | 1 | 45 | 19,854 | 9,835 |
| Florida | 16 | - | 16 | 6,824 | 1,877 | 6 | 1 | 7 | 554 | 554 | 14 | 1 | 15 | 2,992 | 2,000 |
| South Atlantic | 44 | - | - | 7,446 | 2,463 | 47 | - | - | 8,087 | 7,434 | 204 | - | - | 131,230 | 94,104 |
| Kentucky | 4 | - | 4 | 7 | 7 | 9 | 1 | 10 | 414 | 112 | 47 | 2 | 49 | 16,798 | 12,201 |
| Tennessee | 9 | - | 9 | 63 | 63 | 43 | 4 | 47 | 1,689 | 1,494 | 88 | 1 | 89 | 14,532 | 9,527 |
| Alabama | 4 | - | 4 | 7 | 7 | 9 | 2 | 11 | 156 | 138 | 29 | 1 | 30 | 11,773 | 7,143 |
| Mississippi | 30 | - | 30 | 310 | 310 | 22 | 1 | 23 | 1,133 | 1,066 | 58 | 3 | 61 | 14,054 | 6,867 |
| East South Central | 47 | - | - | 387 | 387 | 83 | - | - | 3,392 | 2,810 | 222 | - | - | 57,157 | 35,738 |
| Arkansas | 16 | - | 16 | 305 | 291 | 14 | 3 | 17 | 602 | 394 | 43 | 3 | 46 | 25,236 | 12,957 |
| Louisiana | 8 | - | 8 | 109 | 109 | 2 | - | 2 | 55 | 50 | 16 | 1 | 17 | 1,068 | 477 |
| Oklahoma | 59 | 1 | 60 | 1,404 | 885 | 20 | 4 | 24 | 1,125 | 918 | 132 | 5 | 137 | 15,092 | 11,189 |
| Texas | 204 | 1 | 205 | 6,294 | 4,558 | 59 | 3 | 62 | 822 | 743 | 213 | 5 | 218 | 19,729 | 17,665 |
| West South Central | 287 | - | - | 8,112 | 5,843 | 95 | - | - | 2,604 | 2,105 | 404 | - | - | 61,125 | 42,288 |
| Montana | 6 | - | 6 | 8 | 8 | 32 | 1 | 33 | 1,724 | 675 | 54 | 2 | 56 | 4,939 | 4,254 |
| Idaho | 6 | 1 | 7 | 54 | 54 | 23 | 4 | 27 | 1,777 | 1,466 | 26 | 6 | 32 | 4,420 | 3,930 |
| Wyoming | 2 | - | 2 | 8 | 8 | 3 | 1 | 4 | 96 | 55 | 9 | 2 | 11 | 612 | 581 |
| Colorado | 17 | - | 17 | 1,134 | 667 | 24 | 1 | 25 | 736 | 559 | 41 | 2 | 43 | 4,860 | 3,543 |
| New Mexico | 17 | - | 17 | 648 | 498 | 4 | 1 | 5 | 130 | 130 | 9 | 1 | 10 | 1,524 | 1,305 |
| Arizona | 1 | 3 | 4 | 826 | 1 | 3 | - | 3 | 213 | 213 | 2 | - | 2 | 1,313 | 656 |
| Utah | 7 | - | 7 | 1,644 | 1,318 | 5 | 2 | 7 | 463 | 421 | 8 | - | 8 | 10,778 | 10,670 |
| Nevada | - | - | - | - | - | - | - | - | - | - | 1 | - | 1 | 2 | 2 |
| Mountain | 56 | - | - | 4,322 | 2,554 | 94 | - | - | 5,139 | 3,519 | 150 | - | - | 28,448 | 24,941 |
| Washington | 39 | - | 39 | 6,904 | 4,027 | 46 | 2 | 48 | 4,335 | 3,799 | 75 | 2 | 77 | 29,319 | 28,788 |
| Oregon | 11 | 1 | 12 | 636 | 486 | 30 | 4 | 34 | 4,941 | 4,319 | 39 | 4 | 43 | 23,321 | 22,573 |
| California | 54 | 1 | 55 | 18,738 | 2,390 | 22 | 3 | 25 | 1,438 | 1,375 | 39 | 2 | 41 | 62,195 | 62,097 |
| Pacific | 104 | - | - | 26,278 | 6,903 | 98 | - | - | 10,714 | 9,493 | 153 | - | - | 114,835 | 113,458 |
| TOTAL (48 States) | 1,117 | - | - | 58,098 | 26,535 | 1,832 | - | - | 104,361 | 74,756 | 4,408 | - | - | 1,203,475 | 888,815 |
| Alaska | 1 | - | 1 | (6) | (6) | 1 | - | 1 | (6) | (6) | 1 | 1 | 2 | (6) | (6) |
| Hawaii | 7 | - | 7 | 80 | 80 | 6 | - | 6 | 31 | 31 | 3 | - | 3 | 1,524 | 1,524 |
| UNITED STATES | 1,125 | - | - | 58,178 | 26,615 | 1,839 | - | - | 104,392 | 74,787 | 4,412 | - | - | 1,204,999 | 890,339 |

See end of table for footnote references.
Table continued on following page.

Table 38. - Estimates of gross and net sales[1] of farmer marketing, farm supply, and related service cooperatives[2] by commodity groups, geographic divisions, and States, 1960-61[3] - Continued

| Geographic division and State | Fertilizer | | | | | Meats and groceries | | | | | Petroleum products | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Estimated number of cooperatives handling[4] | | | Value of sales | | Estimated number of cooperatives handling[4] | | | Value of sales | | Estimated number of cooperatives handling[4] | | | Value of sales | |
| | Head-quarters in State | Head-quarters out of State | Total in State | Gross (includes intercooperative business) $1,000 | Net (excludes intercooperative business) $1,000 | Head-quarters in State | Head-quarters out of State | Total in State | Gross (includes intercooperative business) $1,000 | Net (excludes intercooperative business) $1,000 | Head-quarters in State | Head-quarters out of State | Total in State | Gross (includes intercooperative business) $1,000 | Net (excludes intercooperative business) $1,000 |
| Maine | 7 | 1 | 8 | 3,744 | 3,735 | 2 | - | 2 | 175 | 175 | 4 | 2 | 6 | 470 | 444 |
| New Hampshire | 1 | 2 | 3 | 464 | 443 | 1 | - | 1 | 2 | 2 | 1 | 2 | 3 | 51 | 51 |
| Vermont | 5 | 2 | 7 | 1,062 | 1,053 | 10 | - | 10 | 356 | 356 | 6 | 2 | 8 | 538 | 538 |
| Massachusetts | 11 | - | 11 | 2,317 | 2,194 | 3 | - | 3 | 178 | 178 | 6 | 1 | 7 | 175 | 142 |
| Rhode Island | - | 1 | 1 | 224 | 224 | - | - | - | - | - | - | 1 | 1 | 1 | 1 |
| Connecticut | 8 | 2 | 10 | 1,635 | 1,490 | - | - | - | - | - | 3 | 1 | 4 | 27 | 27 |
| New England | 32 | - | - | 9,446 | 9,139 | 16 | - | - | 711 | 711 | 20 | - | - | 1,262 | 1,203 |
| New York | 203 | 2 | 205 | 22,623 | 12,173 | 5 | - | 5 | 173 | 173 | 65 | 2 | 67 | 39,025 | 25,001 |
| New Jersey | 26 | 2 | 28 | 5,140 | 2,808 | 2 | - | 2 | 26 | 26 | 10 | 1 | 11 | 7,175 | 4,567 |
| Pennsylvania | 83 | 4 | 87 | 17,913 | 10,876 | 4 | - | 4 | 170 | 170 | 52 | 2 | 54 | 27,992 | 17,270 |
| Middle Atlantic | 312 | - | - | 45,676 | 25,857 | 11 | - | - | 369 | 369 | 127 | - | - | 74,192 | 46,838 |
| Ohio | 187 | 1 | 188 | 29,473 | 16,413 | 8 | - | 8 | 420 | 420 | 115 | - | 115 | 35,142 | 22,422 |
| Indiana | 103 | 3 | 106 | 36,939 | 19,708 | 7 | - | 7 | 356 | 356 | 91 | 1 | 92 | 59,584 | 41,201 |
| Illinois | 188 | 3 | 191 | 51,562 | 27,488 | 30 | 2 | 32 | 1,171 | 1,171 | 118 | 3 | 121 | 89,621 | 55,409 |
| Michigan | 112 | 6 | 118 | 14,196 | 8,660 | 21 | 1 | 22 | 4,610 | 3,238 | 82 | 4 | 86 | 22,028 | 14,461 |
| Wisconsin | 244 | 6 | 250 | 31,443 | 11,997 | 141 | 2 | 143 | 8,542 | 6,112 | 227 | 6 | 233 | 74,912 | 43,742 |
| East North Central | 834 | - | - | 163,613 | 84,266 | 207 | - | - | 15,099 | 11,297 | 633 | - | - | 281,287 | 177,235 |
| Minnesota | 490 | 4 | 494 | 35,995 | 19,665 | 283 | 2 | 285 | 12,581 | 8,347 | 266 | 4 | 270 | 85,038 | 58,241 |
| Iowa | 346 | 9 | 355 | 40,427 | 21,132 | 48 | 2 | 50 | 1,233 | 1,233 | 196 | 9 | 205 | 103,470 | 61,579 |
| Missouri | 177 | 4 | 181 | 40,825 | 15,920 | 107 | - | 107 | 13,527 | 9,776 | 113 | 1 | 114 | 34,478 | 18,276 |
| North Dakota | 290 | 10 | 300 | 13,633 | 7,172 | 41 | 1 | 42 | 3,496 | 3,298 | 156 | 6 | 162 | 43,624 | 28,393 |
| South Dakota | 128 | 10 | 138 | 5,677 | 2,053 | 23 | 2 | 25 | 833 | 784 | 131 | 8 | 139 | 40,921 | 30,237 |
| Nebraska | 198 | 4 | 202 | 19,674 | 11,174 | 30 | 1 | 31 | 4,554 | 4,554 | 198 | 4 | 202 | 71,356 | 40,432 |
| Kansas | 214 | 5 | 219 | 21,321 | 11,545 | 33 | - | 33 | 4,444 | 4,444 | 242 | 1 | 243 | 76,108 | 42,366 |
| West North Central | 1,843 | - | - | 177,552 | 88,661 | 565 | - | - | 40,668 | 32,436 | 1,302 | - | - | 454,995 | 279,524 |
| Delaware | 11 | 3 | 14 | 3,290 | 2,326 | - | - | - | - | - | 3 | 1 | 4 | 2,247 | 1,586 |
| Maryland | 35 | 2 | 37 | 5,878 | 4,168 | 1 | - | 1 | 1 | 1 | 16 | 1 | 17 | 9,029 | 7,837 |
| Virginia | 69 | 2 | 71 | 12,780 | 9,827 | 9 | - | 9 | 2,677 | 2,677 | 22 | 1 | 23 | 11,849 | 8,459 |
| West Virginia | 24 | 1 | 25 | 3,074 | 2,226 | 1 | - | 1 | 1 | 1 | 2 | 1 | 3 | 1,757 | 962 |
| North Carolina | 7 | 3 | 10 | 9,375 | 5,919 | 2 | - | 2 | 30 | 30 | 1 | 2 | 3 | 802 | 171 |
| South Carolina | 3 | 2 | 5 | 3,007 | 1,951 | - | - | - | - | - | - | - | - | - | - |
| Georgia | 45 | 1 | 46 | 11,237 | 6,145 | 1 | - | 1 | 15 | 15 | - | 1 | 1 | 233 | 5 |
| Florida | 42 | 2 | 44 | 15,040 | 13,726 | - | - | - | - | - | 2 | - | 2 | 161 | 161 |
| South Atlantic | 236 | - | - | 63,681 | 46,288 | 14 | - | - | 2,724 | 2,724 | 46 | - | - | 26,078 | 19,181 |
| Kentucky | 50 | 2 | 52 | 8,246 | 4,894 | - | - | - | - | - | 8 | 1 | 9 | 4,057 | 2,667 |
| Tennessee | 88 | 2 | 90 | 18,231 | 9,632 | 1 | - | 1 | 5 | 5 | 81 | 2 | 83 | 8,215 | 3,471 |
| Alabama | 31 | 3 | 34 | 16,608 | 10,587 | 1 | - | 1 | 46 | 46 | 8 | 2 | 10 | 1,606 | 955 |
| Mississippi | 69 | 3 | 72 | 41,600 | 25,407 | 4 | - | 4 | 61 | 61 | 23 | 3 | 26 | 3,946 | 2,906 |
| East South Central | 238 | - | - | 84,685 | 50,520 | 6 | - | - | 112 | 112 | 120 | - | - | 17,824 | 9,999 |
| Arkansas | 57 | 7 | 64 | 13,980 | 9,534 | 5 | - | 5 | 170 | 170 | 36 | 4 | 40 | 7,779 | 4,360 |
| Louisiana | 29 | 3 | 32 | 4,414 | 3,709 | - | - | - | - | - | 3 | - | 3 | 361 | 361 |
| Oklahoma | 104 | 4 | 108 | 7,571 | 3,731 | 3 | - | 3 | 216 | 216 | 83 | 3 | 86 | 18,989 | 8,084 |
| Texas | 133 | 4 | 137 | 5,964 | 4,332 | 11 | - | 11 | 242 | 242 | 83 | 2 | 85 | 8,763 | 6,349 |
| West South Central | 323 | - | - | 31,929 | 21,306 | 19 | - | - | 628 | 628 | 205 | - | - | 35,892 | 19,154 |
| Montana | 77 | 3 | 80 | 2,894 | 1,523 | 8 | - | 8 | 591 | 591 | 100 | 2 | 102 | 19,909 | 12,898 |
| Idaho | 34 | 6 | 40 | 5,313 | 2,897 | 4 | - | 4 | 200 | 200 | 34 | 5 | 39 | 11,946 | 7,662 |
| Wyoming | 3 | 2 | 5 | 262 | 210 | 2 | - | 2 | 130 | 130 | 9 | 1 | 10 | 1,821 | 1,551 |
| Colorado | 51 | 2 | 53 | 3,837 | 1,825 | 6 | - | 6 | 846 | 846 | 45 | 1 | 46 | 13,651 | 9,727 |
| New Mexico | 10 | 1 | 11 | 744 | 576 | 1 | - | 1 | 75 | 75 | 5 | 1 | 6 | 651 | 274 |
| Arizona | 5 | 3 | 8 | 1,048 | 598 | - | - | - | - | - | 3 | - | 3 | 260 | 172 |
| Utah | 14 | 1 | 15 | 2,595 | 2,466 | 5 | - | 5 | 176 | 176 | 16 | 1 | 17 | 4,196 | 3,320 |
| Nevada | - | 1 | 1 | 29 | 23 | 1 | - | 1 | 44 | 44 | - | - | - | - | - |
| Mountain | 194 | - | - | 16,722 | 10,118 | 27 | - | - | 2,062 | 2,062 | 212 | - | - | 52,434 | 35,604 |
| Washington | 82 | 2 | 84 | 11,892 | 7,436 | 11 | - | 11 | 721 | 721 | 70 | 2 | 72 | 27,884 | 19,737 |
| Oregon | 51 | 4 | 55 | 11,187 | 6,093 | 13 | - | 13 | 509 | 509 | 35 | 4 | 39 | 16,779 | 10,406 |
| California | 119 | 2 | 121 | 13,347 | 11,216 | 6 | - | 6 | 71 | 71 | 28 | 3 | 31 | 3,323 | 3,029 |
| Pacific | 252 | - | - | 36,426 | 24,745 | 30 | - | - | 1,301 | 1,301 | 133 | - | - | 47,986 | 33,172 |
| TOTAL (48 States) | 4,264 | - | - | 629,730 | 360,900 | 895 | - | - | 63,674 | 51,640 | 2,798 | - | - | 991,950 | 621,910 |
| Alaska | 1 | - | 1 | (6) | (6) | 1 | - | 1 | (6) | (6) | - | - | - | - | - |
| Hawaii | 11 | - | 11 | 365 | 365 | - | - | - | - | - | - | - | - | - | - |
| UNITED STATES | 4,276 | - | - | 630,095 | 361,265 | 896 | - | - | 63,674 | 51,640 | 2,798 | - | - | 991,950 | 621,910 |

See end of table for footnote references.
Table continued on following page.

Table 38. - Estimates of gross and net sales[1] of farmer marketing, farm supply, and related service cooperatives[2] by commodity groups, geographic divisions, and States, 1960-61[3] - Continued

| Geographic division and State | Seed: Estimated number of cooperatives handling[4]: Headquarters in State | Seed: Headquarters out of State | Seed: Total in State | Seed: Value of sales: Gross (includes intercooperative business) $1,000 | Seed: Net (excludes intercooperative business) $1,000 | Sprays and dusts (farm chemicals): Estimated number of cooperatives handling[4]: Headquarters in State | Sprays and dusts: Headquarters out of State | Sprays and dusts: Total in State | Sprays and dusts: Value of sales: Gross (includes intercooperative business) $1,000 | Sprays and dusts: Net (excludes intercooperative business) $1,000 | Miscellaneous supplies: Estimated number of cooperatives handling[4]: Headquarters in State | Miscellaneous supplies: Headquarters out of State | Miscellaneous supplies: Total in State | Miscellaneous supplies: Value of sales: Gross (includes intercooperative business) $1,000 | Miscellaneous supplies: Net (excludes intercooperative business) $1,000 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Maine | 4 | 1 | 5 | 561 | 558 | 7 | 2 | 9 | 618 | 593 | 5 | 3 | 8 | 1,067 | 1,001 |
| New Hampshire | 1 | 2 | 3 | 185 | 178 | - | 2 | 2 | 131 | 125 | 3 | 3 | 6 | 309 | 296 |
| Vermont | 5 | 2 | 7 | 460 | 457 | 3 | 2 | 5 | 301 | 299 | 7 | 3 | 10 | 901 | 896 |
| Massachusetts | 9 | - | 9 | 940 | 896 | 9 | 1 | 10 | 795 | 732 | 12 | 3 | 15 | 2,141 | 1,546 |
| Rhode Island | - | 1 | 1 | 91 | 91 | - | 1 | 1 | 65 | 65 | - | 1 | 1 | 136 | 136 |
| Connecticut | 7 | 2 | 9 | 630 | 578 | 5 | 2 | 7 | 439 | 398 | 8 | 2 | 10 | 880 | 797 |
| New England | 26 | - | - | 2,867 | 2,758 | 24 | - | - | 2,349 | 2,212 | 35 | - | - | 5,434 | 4,672 |
| New York | 206 | 2 | 208 | 7,743 | 4,494 | 203 | 2 | 205 | 2,563 | 1,315 | 222 | 3 | 225 | 12,028 | 6,025 |
| New Jersey | 23 | 1 | 24 | 1,542 | 827 | 25 | 2 | 27 | 385 | 254 | 20 | 1 | 21 | 1,796 | 906 |
| Pennsylvania | 85 | 3 | 88 | 6,580 | 4,406 | 82 | 4 | 86 | 3,551 | 2,462 | 82 | 5 | 87 | 10,385 | 7,158 |
| Middle Atlantic | 314 | - | - | 15,865 | 9,727 | 310 | - | - | 6,499 | 4,031 | 324 | - | - | 24,209 | 14,089 |
| Ohio | 179 | 1 | 180 | 8,921 | 5,646 | 107 | - | 107 | 3,238 | 1,562 | 190 | 3 | 193 | 14,853 | 11,357 |
| Indiana | 108 | 1 | 109 | 5,050 | 3,511 | 87 | 2 | 89 | 2,932 | 1,413 | 111 | 6 | 117 | 12,840 | 8,139 |
| Illinois | 223 | 4 | 227 | 8,975 | 6,537 | 120 | 3 | 123 | 3,437 | 1,871 | 222 | 8 | 230 | 8,488 | 5,176 |
| Michigan | 100 | 5 | 105 | 3,689 | 2,779 | 77 | 3 | 80 | 2,475 | 2,195 | 113 | 9 | 122 | 7,471 | 5,675 |
| Wisconsin | 233 | 5 | 238 | 6,138 | 4,040 | 152 | 5 | 157 | 2,175 | 1,166 | 360 | 9 | 369 | 26,040 | 16,305 |
| East North Central | 843 | - | - | 32,773 | 22,513 | 543 | - | - | 14,257 | 8,207 | 996 | - | - | 69,692 | 46,652 |
| Minnesota | 431 | 3 | 434 | 7,096 | 5,201 | 297 | 4 | 301 | 2,075 | 1,372 | 590 | 6 | 596 | 36,449 | 12,239 |
| Iowa | 327 | 7 | 334 | 7,358 | 5,787 | 203 | 6 | 209 | 3,072 | 1,760 | 396 | 10 | 406 | 14,905 | 8,672 |
| Missouri | 163 | 1 | 164 | 9,162 | 5,181 | 88 | 3 | 91 | 1,992 | 949 | 135 | 3 | 138 | 16,919 | 4,860 |
| North Dakota | 274 | 8 | 282 | 3,071 | 2,833 | 217 | 6 | 223 | 1,413 | 1,012 | 342 | 7 | 349 | 11,912 | 8,632 |
| South Dakota | 150 | 8 | 158 | 1,582 | 1,445 | 96 | 6 | 102 | 827 | 550 | 209 | 8 | 217 | 7,593 | 5,548 |
| Nebraska | 83 | 2 | 85 | 449 | 384 | 104 | 3 | 107 | 1,668 | 931 | 225 | 5 | 230 | 9,113 | 5,682 |
| Kansas | 161 | 2 | 163 | 1,893 | 1,733 | 141 | 3 | 144 | 1,760 | 1,060 | 183 | 4 | 187 | 9,646 | 6,285 |
| West North Central | 1,589 | - | - | 30,611 | 22,564 | 1,146 | - | - | 12,807 | 7,634 | 2,080 | - | - | 106,537 | 51,918 |
| Delaware | 10 | 3 | 13 | 1,290 | 985 | 1 | 2 | 3 | 102 | 102 | 10 | 2 | 12 | 4,283 | 3,434 |
| Maryland | 34 | 2 | 36 | 2,256 | 1,708 | 10 | 1 | 11 | 250 | 250 | 35 | 2 | 37 | 6,847 | 5,320 |
| Virginia | 66 | - | 66 | 4,961 | 3,772 | 13 | 2 | 15 | 994 | 305 | 68 | 3 | 71 | 17,385 | 12,161 |
| West Virginia | 23 | 1 | 24 | 1,317 | 951 | 3 | 1 | 4 | 69 | 69 | 27 | 3 | 30 | 4,578 | 3,560 |
| North Carolina | 6 | 1 | 7 | 3,981 | 2,718 | 6 | 2 | 8 | 2,626 | 1,331 | 7 | 3 | 10 | 8,652 | 5,389 |
| South Carolina | 2 | 1 | 3 | 1,813 | 1,387 | 4 | 1 | 5 | 1,318 | 1,012 | 6 | 2 | 8 | 2,430 | 1,603 |
| Georgia | 45 | - | 45 | 2,838 | 1,789 | 43 | 1 | 44 | 1,953 | 1,176 | 28 | 2 | 30 | 6,899 | 2,500 |
| Florida | 14 | 1 | 15 | 879 | 780 | 40 | 1 | 41 | 4,568 | 4,333 | 15 | 1 | 16 | 1,005 | 622 |
| South Atlantic | 200 | - | - | 19,335 | 14,090 | 120 | - | - | 11,880 | 8,578 | 196 | - | - | 52,079 | 34,589 |
| Kentucky | 47 | 1 | 48 | 2,691 | 2,051 | 7 | - | 7 | 92 | 92 | 44 | 4 | 48 | 7,651 | 5,869 |
| Tennessee | 88 | 1 | 89 | 7,040 | 4,273 | 79 | 3 | 82 | 2,228 | 1,260 | 84 | 6 | 90 | 6,524 | 2,796 |
| Alabama | 33 | 1 | 34 | 3,242 | 1,984 | 28 | 3 | 31 | 1,584 | 837 | 24 | 4 | 28 | 4,109 | 2,009 |
| Mississippi | 62 | 3 | 65 | 5,182 | 3,342 | 63 | 4 | 67 | 7,248 | 6,076 | 47 | 5 | 52 | 4,621 | 2,171 |
| East South Central | 230 | - | - | 18,155 | 11,650 | 177 | - | - | 11,152 | 8,265 | 199 | - | - | 22,905 | 12,845 |
| Arkansas | 42 | 2 | 44 | 2,780 | 1,700 | 30 | 6 | 36 | 1,479 | 743 | 40 | 5 | 45 | 4,714 | 2,881 |
| Louisiana | 13 | 1 | 14 | 606 | 548 | 13 | 1 | 14 | 1,097 | 1,022 | 6 | - | 6 | 154 | 154 |
| Oklahoma | 116 | 2 | 118 | 1,765 | 1,427 | 61 | 3 | 64 | 923 | 578 | 98 | 4 | 102 | 4,307 | 2,435 |
| Texas | 270 | 1 | 271 | 3,710 | 3,139 | 183 | 2 | 185 | 2,655 | 2,223 | 112 | 3 | 115 | 4,404 | 2,800 |
| West South Central | 441 | - | - | 8,861 | 6,814 | 287 | - | - | 6,154 | 4,566 | 256 | - | - | 13,579 | 8,270 |
| Montana | 37 | 2 | 39 | 627 | 545 | 74 | 2 | 76 | 668 | 497 | 100 | 2 | 102 | 6,086 | 4,676 |
| Idaho | 25 | 4 | 29 | 636 | 553 | 23 | 4 | 27 | 649 | 346 | 40 | 7 | 47 | 3,363 | 2,579 |
| Wyoming | 4 | 2 | 6 | 117 | 113 | 4 | 2 | 6 | 65 | 57 | 12 | 1 | 13 | 312 | 257 |
| Colorado | 38 | - | 38 | 676 | 518 | 42 | 2 | 44 | 1,496 | 639 | 55 | 1 | 56 | 2,996 | 2,257 |
| New Mexico | 10 | - | 10 | 129 | 129 | 8 | 1 | 9 | 153 | 66 | 9 | 1 | 10 | 261 | 115 |
| Arizona | 3 | - | 3 | 105 | 76 | 4 | 1 | 5 | 871 | 517 | 5 | 3 | 8 | 2,567 | 1,318 |
| Utah | 9 | - | 9 | 329 | 296 | 15 | 1 | 16 | 475 | 396 | 20 | 2 | 22 | 2,253 | 1,260 |
| Nevada | - | - | - | - | - | - | - | - | - | - | 1 | - | 1 | 1 | 1 |
| Mountain | 126 | - | - | 2,619 | 2,230 | 170 | - | - | 4,377 | 2,518 | 242 | - | - | 17,839 | 12,463 |
| Washington | 38 | 1 | 39 | 1,850 | 1,763 | 87 | 3 | 90 | 5,888 | 4,403 | 94 | 3 | 97 | 7,296 | 4,741 |
| Oregon | 35 | 2 | 37 | 1,712 | 1,555 | 48 | 3 | 51 | 2,393 | 1,797 | 65 | 6 | 71 | 6,433 | 3,588 |
| California | 66 | 2 | 68 | 4,703 | 4,622 | 94 | 3 | 97 | 5,063 | 4,115 | 70 | 5 | 75 | 5,489 | 2,321 |
| Pacific | 139 | - | - | 8,265 | 7,940 | 229 | - | - | 13,344 | 10,315 | 229 | - | - | 19,218 | 10,650 |
| TOTAL (48 States) | 3,908 | - | - | 139,351 | 100,286 | 3,006 | - | - | 82,819 | 56,326 | 4,557 | - | - | 331,492 | 196,148 |
| Alaska | 1 | - | 1 | (6) | (6) | - | - | - | - | - | - | 1 | 1 | (6) | (6) |
| Hawaii | 3 | - | 3 | 8 | 8 | 8 | - | 8 | 100 | 100 | 1 | - | 1 | (6) | (6) |
| UNITED STATES | 3,912 | - | - | 139,359 | 100,294 | 3,014 | - | - | 82,919 | 56,426 | 4,558 | - | - | 331,492 | 196,148 |

See end of table for footnote references.

Table continued on following page.

Table 38. - Estimates of gross and net sales[1] of farmer marketing, farm supply, and related service cooperatives[2] by commodity groups, geographic divisions, and States, 1960-61[3]

| Geographic division and State | Total supplies | | | | | Services | | | | Total | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Estimated number of cooperatives handling[4] | | | Value of sales | | Estimated number of cooperatives handling[4] | | | Estimated receipts[5] | Estimated number of coopera-tives in State | Estimated number of coopera-tives doing business in State | Gross business | Net business |
| | Head-quar-ters in State | Head-quar-ters out of State | Total in State | Gross (includes intercoop-erative business) | Net (excludes intercoop-erative business) | Head-quar-ters in State | Head-quar-ters out of State | Total in State | | | | | |
| | | | | $1,000 | $1,000 | | | | $1,000 | | | $1,000 | $1,000 |
| Maine | 12 | 4 | 16 | 18,053 | 17,361 | 7 | 2 | 9 | 394 | 17 | 23 | 44,207 | 43,515 |
| New Hampshire | 5 | 4 | 9 | 4,318 | 3,791 | 3 | 2 | 5 | 128 | 8 | 15 | 19,523 | 18,824 |
| Vermont | 17 | 4 | 21 | 10,097 | 10,034 | 13 | 1 | 14 | 298 | 26 | 34 | 86,304 | 85,460 |
| Massachusetts | 25 | 4 | 29 | 25,250 | 21,627 | 6 | 1 | 7 | 384 | 37 | 43 | 67,592 | 63,601 |
| Rhode Island | - | 2 | 2 | 1,864 | 1,753 | 1 | 2 | 3 | 66 | 2 | 6 | 9,128 | 9,017 |
| Connecticut | 17 | 3 | 20 | 19,358 | 17,580 | 7 | 3 | 10 | 289 | 24 | 31 | 54,940 | 52,789 |
| New England | 76 | - | - | 78,940 | 72,146 | 37 | - | - | 1,559 | 114 | - | 281,694 | 273,206 |
| New York | 296 | 6 | 302 | 247,177 | 156,481 | 161 | 1 | 162 | 5,427 | 410 | 423 | 818,516 | 611,852 |
| New Jersey | 46 | 4 | 50 | 60,961 | 42,843 | 30 | 1 | 31 | 1,416 | 63 | 70 | 130,774 | 102,662 |
| Pennsylvania | 127 | 10 | 137 | 143,781 | 97,328 | 77 | 4 | 81 | 2,186 | 193 | 216 | 426,811 | 357,305 |
| Middle Atlantic | 469 | - | - | 451,919 | 296,652 | 268 | - | - | 9,029 | 666 | - | 1,376,101 | 1,071,819 |
| Ohio | 225 | 6 | 231 | 157,089 | 102,287 | 216 | - | 216 | 9,057 | 269 | 285 | 774,170 | 598,352 |
| Indiana | 124 | 9 | 133 | 187,265 | 115,744 | 111 | 4 | 115 | 6,306 | 134 | 163 | 586,482 | 412,820 |
| Illinois | 369 | 9 | 378 | 229,831 | 142,835 | 295 | 4 | 299 | 8,811 | 447 | 465 | 889,287 | 670,399 |
| Michigan | 153 | 12 | 165 | 90,433 | 63,287 | 116 | 2 | 118 | 3,251 | 200 | 223 | 458,284 | 379,610 |
| Wisconsin | 458 | 19 | 477 | 214,631 | 129,151 | 363 | 8 | 371 | 5,623 | 688 | 715 | 871,101 | 655,465 |
| East North Central | 1,329 | - | - | 879,249 | 553,304 | 1,101 | - | - | 33,048 | 1,738 | - | 3,579,324 | 2,716,646 |
| Minnesota | 898 | 11 | 909 | 250,456 | 155,746 | 723 | 5 | 728 | 16,618 | 1,159 | 1,180 | 1,249,174 | 867,022 |
| Iowa | 538 | 17 | 555 | 267,754 | 173,268 | 400 | 9 | 409 | 22,188 | 618 | 651 | 936,510 | 704,315 |
| Missouri | 202 | 9 | 211 | 204,241 | 109,142 | 129 | 7 | 136 | 3,725 | 222 | 242 | 445,646 | 320,362 |
| North Dakota | 440 | 12 | 452 | 96,516 | 66,280 | 377 | 5 | 382 | 9,288 | 503 | 522 | 447,387 | 332,582 |
| South Dakota | 279 | 14 | 293 | 76,052 | 55,997 | 209 | 8 | 217 | 5,276 | 308 | 334 | 246,278 | 196,915 |
| Nebraska | 350 | 11 | 361 | 132,669 | 83,573 | 267 | 3 | 270 | 11,777 | 377 | 395 | 443,626 | 351,539 |
| Kansas | 326 | 11 | 337 | 151,950 | 96,241 | 284 | 6 | 290 | 30,777 | 344 | 366 | 660,506 | 444,361 |
| West North Central | 3,033 | - | - | 1,179,638 | 740,247 | 2,389 | - | - | 99,649 | 3,531 | - | 4,429,127 | 3,217,096 |
| Delaware | 14 | 4 | 18 | 20,805 | 15,837 | 10 | 1 | 11 | 43 | 15 | 19 | 33,548 | 27,911 |
| Maryland | 52 | 3 | 55 | 41,945 | 33,028 | 33 | 1 | 34 | 549 | 62 | 70 | 126,676 | 109,395 |
| Virginia | 96 | 5 | 101 | 94,369 | 70,150 | 70 | 3 | 73 | 1,649 | 161 | 174 | 229,202 | 202,393 |
| West Virginia | 30 | 4 | 34 | 20,798 | 15,145 | 25 | 3 | 28 | 393 | 79 | 91 | 45,844 | 39,857 |
| North Carolina | 17 | 6 | 23 | 58,120 | 39,595 | 23 | 1 | 24 | 1,200 | 50 | 59 | 182,714 | 163,561 |
| South Carolina | 7 | 4 | 11 | 17,175 | 12,175 | 6 | 2 | 8 | 434 | 17 | 24 | 45,087 | 39,930 |
| Georgia | 54 | 4 | 58 | 44,962 | 22,748 | 23 | 1 | 24 | 1,094 | 73 | 79 | 172,202 | 143,687 |
| Florida | 58 | 3 | 61 | 32,028 | 24,058 | 43 | 2 | 45 | 16,241 | 103 | 108 | 373,095 | 287,360 |
| South Atlantic | 328 | - | - | 330,202 | 232,736 | 233 | - | - | 21,603 | 560 | - | 1,208,368 | 1,014,094 |
| Kentucky | 59 | 5 | 64 | 40,035 | 27,972 | 53 | 2 | 55 | 235 | 97 | 114 | 141,255 | 123,774 |
| Tennessee | 97 | 7 | 104 | 60,557 | 33,559 | 92 | 5 | 97 | 1,213 | 136 | 152 | 110,247 | 82,867 |
| Alabama | 43 | 6 | 49 | 39,242 | 23,760 | 25 | 2 | 27 | 1,481 | 57 | 67 | 104,694 | 79,779 |
| Mississippi | 103 | 7 | 110 | 78,825 | 48,379 | 93 | 2 | 95 | 3,751 | 144 | 154 | 229,883 | 193,334 |
| East South Central | 302 | - | - | 218,659 | 133,670 | 263 | - | - | 6,680 | 434 | - | 586,079 | 479,754 |
| Arkansas | 77 | 10 | 87 | 59,013 | 33,713 | 62 | 3 | 65 | 7,196 | 114 | 129 | 182,940 | 151,599 |
| Louisiana | 34 | 4 | 38 | 7,985 | 6,551 | 25 | 1 | 26 | 1,078 | 60 | 69 | 70,570 | 64,302 |
| Oklahoma | 159 | 10 | 169 | 53,360 | 30,821 | 155 | 9 | 164 | 13,064 | 174 | 194 | 386,827 | 248,736 |
| Texas | 414 | 9 | 423 | 52,831 | 42,095 | 438 | 4 | 442 | 39,359 | 515 | 531 | 740,269 | 600,041 |
| West South Central | 684 | - | - | 173,189 | 113,180 | 680 | - | - | 60,697 | 863 | - | 1,380,606 | 1,064,678 |
| Montana | 135 | 4 | 139 | 38,188 | 26,409 | 88 | 1 | 89 | 2,712 | 173 | 187 | 179,959 | 127,386 |
| Idaho | 59 | 8 | 67 | 29,278 | 20,103 | 40 | 8 | 48 | 2,696 | 97 | 117 | 148,948 | 125,949 |
| Wyoming | 15 | 2 | 17 | 3,470 | 3,009 | 10 | 3 | 13 | 181 | 24 | 33 | 25,646 | 22,776 |
| Colorado | 91 | 4 | 95 | 31,120 | 21,165 | 65 | 6 | 71 | 3,819 | 107 | 122 | 214,426 | 179,135 |
| New Mexico | 23 | 2 | 25 | 4,380 | 3,201 | 29 | 4 | 33 | 3,090 | 35 | 43 | 52,033 | 45,815 |
| Arizona | 8 | 4 | 12 | 8,590 | 4,447 | 6 | 6 | 12 | 2,399 | 15 | 27 | 111,502 | 87,423 |
| Utah | 29 | 3 | 32 | 23,167 | 20,423 | 20 | - | 20 | 1,513 | 65 | 68 | 117,308 | 108,285 |
| Nevada | 1 | 1 | 2 | 76 | 70 | 1 | - | 1 | 1 | 5 | 8 | 6,508 | 6,502 |
| Mountain | 361 | - | - | 138,269 | 98,827 | 259 | - | - | 16,411 | 521 | - | 856,330 | 703,271 |
| Washington | 145 | 5 | 150 | 98,939 | 77,217 | 92 | 3 | 95 | 13,412 | 182 | 192 | 456,209 | 352,842 |
| Oregon | 85 | 9 | 94 | 69,536 | 52,023 | 57 | 5 | 62 | 7,418 | 111 | 131 | 306,645 | 219,000 |
| California | 187 | 6 | 193 | 122,042 | 98,155 | 167 | 3 | 170 | 35,694 | 420 | 429 | 1,717,146 | 1,285,416 |
| Pacific | 417 | - | - | 290,517 | 227,395 | 316 | - | - | 56,524 | 713 | - | 2,480,000 | 1,857,258 |
| TOTAL (48 States) | 6,999 | - | - | 3,740,582 | 2,468,157 | 5,546 | - | - | 305,200 | 9,140 | - | 16,177,629 | 12,397,822 |
| Alaska | 1 | 1 | 2 | (6) | (6) | 1 | - | 1 | (6) | 2 | 3 | 5,301 | 5,301 |
| Hawaii | 16 | - | 16 | 2,118 | 2,118 | 14 | - | 14 | 378 | 21 | 22 | 11,103 | 11,078 |
| UNITED STATES | 7,016 | - | - | 3,742,700 | 2,470,275 | 5,561 | - | - | 305,578 | 9,163 | - | 16,194,033 | 12,414,201 |

See next page for footnote references.

[1]The value of products marketed is allocated to the State in which they originate and the value of farm supplies is allocated to the State in which they are sold.
[2]Includes independent local cooperatives, federations, and centralized cooperatives.
[3]Preliminary data covering operations of cooperatives whose fiscal years ended during the period July 1, 1960, through June 30, 1961, with limited exceptions.
[4]The total number of cooperatives handling each commodity within a State includes not only the cooperatives handling the commodity that have headquarters in that State, but all other cooperatives handling the commodity in that State whose headquarters are located in other States. Number of cooperatives handling a commodity include those performing specific services on the commodity, such as cotton ginning cooperatives, livestock trucking cooperatives, rice drying cooperatives, and fruit drying cooperatives. (Income for these specific services is included with service receipts.)
[5]Includes the value of commodities marketed by cooperatives under price support program in 1960-61. Business volume is influenced by the extent to which producers participate in the program.
[6]Value is included in total dollar volume of all farm products marketed, farm supplies handled, or services performed in order not to reveal separate commodity data for an individual association.
[7]Less than $500.
[8]Value of wool allocated to States of origin.
[9]Includes the value of wool marketed by producers affiliated with some 26 local wool assembling pools who are direct members of a regional marketing cooperative. Payments are made directly to the wool producers.
[10]Includes the volume of a statewide federation of county wool pools which is responsible for selling all wool in the pools. Payment is made by the federation to the pool manager who is responsible for payments to the individual wool growers.
[11]The volume of a sugar cooperative with headquarters in California whose business originated in Hawaii is included in the dollar volume of California.
[12]Includes forest products, fur pelts, hay, hops, nursery stock, tung oil, coffee, and other farm products not separately classified.
[13]Charges for services in which no duplication occurs.

# Appendix

The explanation that follows of the methods used in classifying cooperatives for the annual survey should give users of this report a better understanding of the types of cooperatives covered in these statistics.

## CLASSIFICATION OF COOPERATIVES

The 1960-61 survey discussed in this report included only marketing, farm supply, and related service cooperatives. It did not include rural electric associations, production credit associations, rural credit unions, other types of credit cooperatives, or production cooperatives, such as dairy herd improvement associations and dairy-cattle artificial breeding associations.

Marketing cooperatives in this report include those associations whose business is predominantly marketing farm products for their patrons, with more than 50 percent of their total dollar volume derived from the sale of such products.

Marketing cooperatives are further classified in this report according to which major commodity out of 13 classifications is predominant in each association's business, measured on the basis of dollar volume. Farm supply cooperatives are those whose farm supply business accounts for more than 50 percent of their total dollar volume. Related service cooperatives have the major function of trucking, storing, drying, or similar services related to marketing or farm supply activities.

Many cooperatives handle more than one commodity and provide both marketing and farm supply facilities, as well as facilities and equipment for performing such related services as storing, drying, and trucking, for their patrons. Such associations are classified according to the predominant commodity or function in their business volumes.

Cooperatives are also classified according to organizational structure as follows:

<u>Local Association</u>. - A local association is essentially a cooperative providing cooperative services in a local area or community, a county, or even several counties. Individual farmers are the members of these local cooperatives. Local associations usually perform a limited number of the first steps involved in marketing. In the case of farm supply associations, practically all sales are at the retail level. Local associations may or may not be affiliated with other cooperatives.

<u>Regional Association</u>. - A regional cooperative is one that serves a district comprised of a number of counties, or, in some cases, a number of States. Types of associations classified as

regional for purposes of this report are described as follows:

1. All federated cooperatives. These are cooperative organizations whose membership is composed of two or more local associations organized to market farm products or purchase production supplies for their patrons. Individual farmers are not members of strictly federated associations, but are members of the local associations that comprise the federation. Regional federations may be members of other federated associations.

2. Centralized associations usually serving more than 8 or 10 counties. A regional centralized association is structurally like a small scale local association in that individual farmers make up the membership. In a strictly centralized regional there are no autonomous local associations.

3. Cooperatives with large volumes that are neither strictly federated nor strictly centralized as they have both local cooperatives and individual farmers as members.

4. Some associations with small business volumes that market farm products for, or sell production supplies to, both local associations and individual producers, or do business in more than one State.

5. Bargaining associations. These associations derive all or a major portion of their business volume from negotiating with distributors, processors, and other buyers over price, quantities, grade, terms of sale, and other factors involved in selling members' farm products. While the primary function of such an association is to bring buyer and seller together to contract for the sale of members' products, many bargaining associations now perform additional functions. Dairy bargaining associations at one time generally performed only price negotiation functions. Many now, however, perform such additional functions as physically handling a portion of the milk and making spot sales for their patrons. Bargaining associations, like other dairy marketing cooperatives, represent their members at Federal or State milk order hearings.

Users of these national statistics who wish to make comparisons from year to year in specific commodity groups should keep in mind the differences in classification between State and national data. For example, State agencies frequently publish directories that include credit, electric, and other types of service cooperatives not directly related to marketing farm products or purchasing production supplies.

Frequently cooperatives may operate in a specific State for a considerable period of time before they are included in the national survey. This may be due to one of the following reasons: (1) The Farmer Cooperative Service may not have received information on the cooperative; or, (2) the cooperative may not have completed and returned the initial questionnaire sent to it by Farmer Cooperative Service to obtain data on its status as a bona fide farmer cooperative.

For inclusion in the annual survey, a cooperative is defined as one which meets the following requirements:

(1) Farmers or agricultural producers hold the controlling interest in the cooperative; (2) no member of the cooperative is allowed more than one vote because of the amount of stock or membership

capital he owns therein, <u>or</u> the cooperative does not pay dividends on stock or membership capital in excess of 8 percent a year; and (3) the cooperative does not deal in products of nonmembers to an amount greater in value than it handles for its members.

For many years it has been the practice in the national survey to classify cooperatives according to the predominant commodity in each cooperative's business volume.

If a cooperative consistently indicates that it is handling a larger volume of a commodity than the one it was orginally organized to handle and that provided the basis for classification when it was first included in the national survey, this cooperative is reclassified into the commodity group currently representing the predominant product in its business volume.

This practice differs from that followed in many State surveys in which cooperatives are classified according to the commodity groups they were orginally organized to handle.

From the previous discussion, it can be seen that there will frequently be differences between the national statistics and those published as the result of specific State surveys.

In the 1950-51 survey, cooperatives for the first time in an annual survey furnished data by individual commodities handled and services performed.[1] Regional cooperatives were requested to furnish information on memberships and business volumes for the individual States they served in 1950-51. For the first time, it was possible to discontinue the former practice of crediting all memberships and business to the State in which each regional maintained its headquarters. This was the beginning of more realistic figures for States in geographic areas where regional cooperatives were of major importance in cooperative activities.

## COOPERATIVE PARTICIPATION

In the 1960-61 survey discussed in this report, 94 percent of the 9,163 cooperatives listed with Farmer Cooperative Service furnished current information on their memberships and dollar volumes (appendix table 1). All but a few of the associations in the remaining 6 percent had furnished reports earlier during the period covered between the 1950-51 and 1959-60 surveys. On the basis of these earlier reports, it was possible to develop estimates for these associations on an individual association

Appendix table 1. - *Cooperatives furnishing information for survey, 1950-51 to 1960-61*

| Fiscal year | Total number of cooperatives included[1] | Percent of cooperatives furnishing current information |
|---|---|---|
| 1950-51 | 10,051 | 80 |
| 1951-52 | 10,166 | 87 |
| 1952-53 | 10,114 | 90 |
| 1953-54 | 10,058 | 92 |
| 1954-55 | 9,887 | 92 |
| 1955-56 | 9,876 | 93 |
| 1956-57 | 9,872 | 92 |
| 1957-58 | 9,716 | 92 |
| 1958-59 | 9,658 | 93 |
| 1959-60 | 9,345 | 95 |
| 1960-61 | 9,163 | 94 |

[1]Years prior to 1958-59 not adjusted to include Alaska and Hawaii.

[1]A detailed discussion of the revisions initiated in statistical methods in 1950-51 was given in "Statistics of Farmers' Marketing, Purchasing, and Service Cooperatives, 1950-51." U. S. Farm Credit Admin. Mis. Rpt. 169. See pp. 1-3.

basis. General estimates based on averages for commodity and State groups were, therefore, required for less than 1 percent of the 9,163 cooperatives included in this survey.

## COOPERATIVES FURNISHING INFORMATION

The number of cooperatives on which information was received in the 1960-61 survey, classified according to major commodity groups, is shown in appendix table 2. On a functional basis, information was supplied by 94 percent of the total number of marketing cooperatives, 96 percent of the farm supply cooperatives, and 90 percent of the service cooperatives.

All but one of the commodity groups among the marketing cooperatives showed a percentage of 92 or above from which current information was received. This one commodity group was livestock. Information was furnished by 84 percent of the associations in this group.

In the total of 9,163 cooperatives, branches and subsidiaries were not included as individual organizations. Each cooperative, irrespective of the number of subsidiaries or branches it owned, was counted as one association.

## PROCEDURES FOR OBTAINING INFORMATION

The complex operations of many regional farm supply cooperatives require that at least 3 months elapse to permit completion of their audits before the first request is mailed out from Farmer Cooperative Service. If no response to the first request is received, a second request is mailed 6 weeks later. If again no reply is received, a third request follows in another 6 weeks. In this procedure, 6 months are required for these three regular requests.

Many special letters are sent to officers or staff members to obtain information or to verify or correct information received that appears to be inaccurate. These letters are time consuming but are essential in obtaining complete and accurate data.

In addition to obtaining data through special correspondence, a careful review is made of many cooperative publications to develop current information on nonreporting associations. These publications frequently furnish information on the annual meetings of affiliated locals. The annual volume figures published in such articles often provide a basis for requesting a more detailed or complete commodity breakdown through corresponence or for making special estimates.

For the very small number of cooperatives from whom no specific information can be obtained on business volume either directly or indirectly, estimates are compiled on the basis of averages developed for reporting cooperatives. Estimates on the number of members in nonreporting cooperatives are developed on an individual association basis using the most recent membership figure supplied by the nonreporting association. This arbitrary estimate tends to reflect more or less static membership for less than 1 percent of the total number of associations.

Appendix table 2. - *Number and percent of returns from 9,163 cooperatives, 1960-61*

| Commodity group (classified according to major product or function) | Local cooperatives: Number listed | Local cooperatives: Associations on which current information was received[2] | | Regional cooperatives[1]: Number listed | Regional cooperatives[1]: Associations on which current information was received[2] | | Total: Number listed | Total: Associations on which current information was received[2] | |
|---|---|---|---|---|---|---|---|---|---|
| | | *Number* | *Percent* | | *Number* | *Percent* | | *Number* | *Percent* |
| Beans and peas (dry edible) | 7 | 7 | 100 | 8 | 8 | 100 | 15 | 15 | 100 |
| Cotton and products[3] | 501 | 461 | 92 | 30 | 30 | 100 | 531 | 491 | 92 |
| Dairy products | 1,203 | 1,162 | 97 | [4]297 | 286 | 96 | 1,500 | 1,448 | 97 |
| Fruits and vegetables | 589 | 554 | 94 | [4]82 | 81 | 99 | 671 | 635 | 95 |
| Grain[5] | 1,970 | 1,825 | 93 | 32 | 32 | 100 | 2,002 | 1,857 | 93 |
| Livestock and products[6] | 416 | 345 | 83 | 40 | 40 | 100 | 456 | 385 | 84 |
| Nuts | 24 | 24 | 100 | 6 | 6 | 100 | 30 | 30 | 100 |
| Poultry and products | 98 | 94 | 96 | [4]20 | 20 | 100 | 118 | 114 | 97 |
| Rice | 56 | 56 | 100 | 6 | 6 | 100 | 62 | 62 | 100 |
| Sugar products[7] | - | - | - | [4]68 | 64 | 94 | 68 | 64 | 94 |
| Tobacco | - | - | - | 30 | 30 | 100 | 30 | 30 | 100 |
| Wool and mohair | 162 | 157 | 97 | 20 | 20 | 100 | 182 | 177 | 97 |
| Miscellaneous[8] | 59 | 57 | 97 | 3 | 3 | 100 | 62 | 60 | 97 |
| Total marketing | 5,085 | 4,742 | 93 | 642 | 626 | 98 | 5,727 | 5,368 | 94 |
| Farm supply | 3,103 | 2,973 | 96 | 119 | 118 | 99 | 3,222 | 3,091 | 96 |
| Service | 202 | 181 | 90 | 12 | 12 | 100 | 214 | 193 | 90 |
| Total marketing, farm supply, and service | 8,390 | 7,896 | 94 | 773 | 756 | 98 | 9,163 | 8,652 | 94 |

[1]See page 65 for definition of regional cooperatives.
[2]Includes cooperatives which did not return the annual survey questionnaire, but for which detailed audits or other operating or financial statements were supplied.
[3]Includes cooperatives marketing or ginning cotton and processing cotton products.
[4]Includes bargaining cooperatives.
[5]Includes soybean marketing and processing cooperatives.
[6]Includes livestock marketing, trucking, and processing cooperatives.
[7]Includes sugar, sugarcane, sugar beets, honey, maple syrup, molasses, and sorghum.
[8]Includes coffee, forest products, fur pelts, hay, hops, nursery stock, tung oil, and other commodities not specified elsewhere.

Appendix table 3. - *Number, memberships, and dollar volume of marketing, farm supply and related service cooperatives, by States, 1960-61*[1]

| State | Cooperatives | | Memberships in State | | Net business (excludes inter-cooperative business) | |
|---|---|---|---|---|---|---|
| | *Number* | *Percent* | *Number* | *Percent* | *Amount $1,000* | *Percent* |
| Alabama | 57 | 0.6 | 102,270 | 1.4 | 79,779 | 0.6 |
| Alaska | 2 | (2) | 100 | (2) | 5,301 | (2) |
| Arizona | 15 | 0.1 | 75,645 | 1.1 | 87,423 | 0.7 |
| Arkansas | 114 | 1.2 | 64,185 | 0.9 | 151,599 | 1.2 |
| California | 420 | 4.6 | 127,530 | 1.8 | 1,285,416 | 10.4 |
| Colorado | 107 | 1.2 | 55,440 | 0.8 | 179,135 | 1.4 |
| Connecticut | 24 | 0.3 | 11,725 | 0.2 | 52,789 | 0.4 |
| Delaware | 15 | 0.2 | 27,815 | 0.4 | 27,911 | 0.2 |
| Florida | 103 | 1.1 | 43,055 | 0.6 | 287,360 | 2.3 |
| Georgia | 73 | 0.8 | 145,835 | 2.0 | 143,687 | 1.1 |
| Hawaii | 21 | 0.2 | 1,760 | (2) | 11,078 | 0.1 |
| Idaho | 97 | 1.0 | 61,880 | 0.9 | 125,949 | 1.0 |
| Illinois | 447 | 4.9 | 470,225 | 6.5 | 670,399 | 5.4 |
| Indiana | 134 | 1.5 | 422,000 | 5.9 | 412,820 | 3.3 |
| Iowa | 618 | 6.7 | 427,750 | 5.9 | 704,315 | 5.7 |
| Kansas | 344 | 3.7 | 204,840 | 2.8 | 444,361 | 3.6 |
| Kentucky | 97 | 1.0 | 216,795 | 3.0 | 123,774 | 1.0 |
| Louisiana | 60 | 0.7 | 12,055 | 0.2 | 64,302 | 0.5 |
| Maine | 17 | 0.2 | 20,595 | 0.3 | 43,515 | 0.4 |
| Maryland | 62 | 0.7 | 93,500 | 1.3 | 109,395 | 0.9 |
| Massachusetts | 37 | 0.4 | 20,915 | 0.3 | 63,601 | 0.5 |
| Michigan | 200 | 2.2 | 164,430 | 2.3 | 379,610 | 3.1 |
| Minnesota | 1,159 | 12.6 | 601,530 | 8.4 | 867,022 | 7.0 |
| Mississippi | 144 | 1.6 | 156,285 | 2.2 | 193,334 | 1.6 |
| Missouri | 222 | 2.4 | 425,490 | 5.9 | 320,362 | 2.6 |
| Montana | 173 | 1.9 | 74,975 | 1.0 | 127,386 | 1.0 |
| Nebraska | 377 | 4.1 | 266,070 | 3.7 | 351,539 | 2.8 |
| Nevada | 5 | 0.1 | 285 | (2) | 6,502 | 0.1 |
| New Hampshire | 8 | 0.1 | 5,615 | 0.1 | 18,824 | 0.2 |
| New Jersey | 63 | 0.7 | 28,430 | 0.4 | 102,662 | 0.8 |
| New Mexico | 35 | 0.4 | 10,480 | 0.1 | 45,815 | 0.4 |
| New York | 410 | 4.5 | 146,085 | 2.0 | 611,852 | 4.9 |
| North Carolina | 50 | 0.5 | 291,110 | 4.0 | 163,561 | 1.3 |
| North Dakota | 503 | 5.5 | 237,670 | 3.3 | 332,582 | 2.7 |
| Ohio | 269 | 2.9 | 322,745 | 4.5 | 598,352 | 4.8 |
| Oklahoma | 174 | 1.9 | 184,275 | 2.6 | 248,736 | 2.0 |
| Oregon | 111 | 1.2 | 66,475 | 0.9 | 219,000 | 1.8 |
| Pennsylvania | 193 | 2.1 | 168,635 | 2.3 | 357,305 | 2.9 |
| Rhode Island | 2 | (2) | 2,730 | (2) | 9,017 | 0.1 |
| South Carolina | 17 | 0.2 | 65,880 | 0.9 | 39,930 | 0.3 |
| South Dakota | 308 | 3.4 | 182,490 | 2.5 | 196,915 | 1.6 |
| Tennessee | 136 | 1.5 | 123,930 | 1.7 | 82,867 | 0.7 |
| Texas | 515 | 5.6 | 179,360 | 2.5 | 600,041 | 4.8 |
| Utah | 65 | 0.7 | 26,100 | 0.4 | 108,285 | 0.9 |
| Vermont | 26 | 0.3 | 18,795 | 0.3 | 85,460 | 0.7 |
| Virginia | 161 | 1.8 | 248,355 | 3.4 | 202,393 | 1.6 |
| Washington | 182 | 2.0 | 113,780 | 1.6 | 352,842 | 2.8 |
| West Virginia | 79 | 0.9 | 73,740 | 1.0 | 39,857 | 0.3 |
| Wisconsin | 688 | 7.5 | 400,690 | 5.6 | 655,465 | 5.3 |
| Wyoming | 24 | 0.3 | 10,545 | 0.1 | 22,776 | 0.2 |
| United States | 9,163 | 100.0 | 7,202,895 | 100.0 | 12,414,201 | 100.0 |

[1]Preliminary.
[2]Less than 0.05 percent.

Appendix table 4. - *Estimated business in specified commodity and service groups of marketing, farm supply, and related service cooperatives, 1959-60*[1]

| Item | Cooperatives handling | | Gross business (includes intercooperative business) | | Net business (excludes intercooperative business) | |
|---|---|---|---|---|---|---|
| | Number | Percent of total cooperatives[2] | Amount | Percent | Amount | Percent |
| | | | *$1,000* | | *$1,000* | |
| Products marketed for patrons | | | | | | |
| Beans and peas (dry edible) | 63 | 0.7 | 41,598 | 0.3 | 28,849 | 0.2 |
| Cotton and cotton products | 562 | 6.0 | 668,747 | 4.3 | 607,390 | 5.1 |
| Dairy products | 1,669 | 17.9 | 3,679,523 | 23.5 | 3,055,521 | 25.4 |
| Fruits and vegetables | 723 | 7.7 | 1,321,423 | 8.4 | 941,811 | 7.8 |
| Grain, soybeans, and soybean meal and oil | 2,649 | 28.3 | 2,944,798 | 18.8 | 1,929,114 | 16.0 |
| Livestock and livestock products | 549 | 5.9 | 1,613,026 | 10.3 | 1,471,069 | 12.2 |
| Nuts | 122 | 1.3 | 136,854 | 0.9 | 114,533 | 1.0 |
| Poultry products | 613 | 6.6 | 464,730 | 3.0 | 390,488 | 3.2 |
| Rice | 59 | 0.6 | 167,689 | 1.1 | 145,018 | 1.2 |
| Sugar products | 67 | 0.7 | 336,952 | 2.2 | 336,952 | 2.8 |
| Tobacco | 32 | 0.3 | 241,287 | 1.5 | 241,287 | 2.0 |
| Wool and mohair | 282 | 3.0 | 23,291 | 0.1 | 22,527 | 0.2 |
| Miscellaneous[3] | 215 | 2.3 | 48,500 | 0.3 | 45,355 | 0.4 |
| Total farm products | [4]6,643 | 71.1 | 11,688,409 | 74.7 | 9,329,914 | 77.5 |
| Supplies purchased for patrons | | | | | | |
| Building materials | 1,699 | 18.2 | 138,814 | 0.9 | 91,114 | 0.8 |
| Containers and packaging supplies | 1,088 | 11.6 | 59,970 | 0.4 | 27,725 | 0.2 |
| Farm machinery and equipment | 1,898 | 20.3 | 110,081 | 0.7 | 76,472 | 0.6 |
| Feed | 4,489 | 48.0 | 1,198,680 | 7.7 | 885,924 | 7.4 |
| Fertilizer | 4,338 | 46.4 | 583,628 | 3.7 | 334,404 | 2.8 |
| Meats and groceries | 905 | 9.7 | 63,767 | 0.4 | 52,753 | 0.4 |
| Petroleum products | 2,803 | 30.0 | 965,184 | 6.2 | 596,180 | 5.0 |
| Seed | 3,961 | 42.4 | 141,446 | 0.9 | 101,635 | 0.8 |
| Sprays and dusts (farm chemicals) | 2,906 | 31.1 | 78,639 | 0.5 | 53,202 | 0.4 |
| Miscellaneous supplies | 4,650 | 49.8 | 319,760 | 2.0 | 188,748 | 1.6 |
| Total farm supplies | [4]7,162 | 76.6 | 3,659,969 | 23.4 | 2,408,157 | 20.0 |
| Receipts for services | | | | | | |
| Trucking, cotton ginning, storage, grinding, locker plants, miscellaneous | [4]5,564 | 59.5 | [5]298,177 | 1.9 | [5]298,177 | 2.5 |
| Total business | [4]9,345 | 100.0 | 15,646,555 | 100.0 | 12,036,248 | 100.0 |

[1]Revised.
[2]Number of cooperatives handling each commodity group is computed as a percentage of the total number of 9,345 cooperatives listed.
[3]Includes coffee, forest products, fur pelts, hay, hops, nursery stock, tung oil, and other farm products not separately classified.
[4]Because many cooperatives do more than one type of business, these totals are less than the number that would be obtained by adding the number of cooperatives handling individual items or performing individual services.
[5]Charges for services in which no duplication occurs.

Appendix table 5. - *Number listed of marketing and farm supply cooperatives*[1] *for specified periods,*[2] *1913 to 1949-50*

| Period | Marketing | | Farm supply | | Total | |
|---|---|---|---|---|---|---|
| | *Number* | *Percent* | *Number* | *Percent* | *Number* | *Percent* |
| 1913[3] | 2,988 | 96.4 | 111 | 3.6 | 3,099 | 100.0 |
| 1915[3] | 5,149 | 94.9 | 275 | 5.1 | 5,424 | 100.0 |
| 1921[4] | 6,476 | 87.8 | 898 | 12.2 | 7,374 | 100.0 |
| 1925-26 | 9,586 | 88.7 | 1,217 | 11.3 | 10,803 | 100.0 |
| 1927-28 | 10,195 | 89.4 | 1,205 | 10.6 | 11,400 | 100.0 |
| 1929-30 | 10,546 | 87.9 | 1,454 | 12.1 | 12,000 | 100.0 |
| 1930-31 | 10,362 | 86.7 | 1,588 | 13.3 | 11,950 | 100.0 |
| 1931-32 | 10,255 | 86.2 | 1,645 | 13.8 | 11,900 | 100.0 |
| 1932-33 | 9,352 | 85.0 | 1,648 | 15.0 | 11,000 | 100.0 |
| 1933-34 | 9,052 | 83.0 | 1,848 | 17.0 | 10,900 | 100.0 |
| 1934-35 | 8,794 | 82.2 | 1,906 | 17.8 | 10,700 | 100.0 |
| 1935-36 | 8,388 | 79.9 | 2,112 | 20.1 | 10,500 | 100.0 |
| 1936-37[5] | 8,142 | 75.8 | 2,601 | 24.2 | 10,743 | 100.0 |
| 1937-38 | 8,300 | 76.2 | 2,600 | 23.8 | 10,900 | 100.0 |
| 1938-39 | 8,100 | 75.7 | 2,600 | 24.3 | 10,700 | 100.0 |
| 1939-40 | 8,051 | 75.3 | 2,649 | 24.7 | 10,700 | 100.0 |
| 1940-41 | 7,943 | 74.9 | 2,657 | 25.1 | 10,600 | 100.0 |
| 1941-42 | 7,824 | 74.2 | 2,726 | 25.8 | 10,550 | 100.0 |
| 1942-43 | 7,708 | 73.8 | 2,742 | 26.2 | 10,450 | 100.0 |
| 1943-44 | 7,522 | 73.0 | 2,778 | 27.0 | 10,300 | 100.0 |
| 1944-45 | 7,400 | 72.9 | 2,750 | 27.1 | 10,150 | 100.0 |
| 1945-46 | 7,378 | 72.7 | 2,772 | 27.3 | 10,150 | 100.0 |
| 1946-47 | 7,268 | 71.8 | 2,857 | 28.2 | 10,125 | 100.0 |
| 1947-48 | 7,159 | 70.6 | 2,976 | 29.4 | 10,135 | 100.0 |
| 1948-49 | 6,993 | 69.4 | 3,082 | 30.6 | 10,075 | 100.0 |
| 1949-50 | 6,922 | 69.0 | 3,113 | 31.0 | 10,035 | 100.0 |

[1] Includes independent local associations, federations, centralized associations, and sales agencies.
[2] Most statistics pertaining to marketing and farm supply cooperatives are now compiled on the basis of the marketing season which includes the period during which the farm products of a specified year are moved into the channels of trade. Marketing seasons overlap.
[3] Compiled from tables appearing in U. S. Dept. Agr. Bul. 547, 82 pp., illus., 1917. See pp. 14-25; and U. S. Dept. Agr. Tech. Bul. 40, 98 pp., illus., 1928. See pp. 70-75.
[4] Includes only associations reporting dollar business.
[5] Information is from a survey made by the Farm Credit Administration in cooperation with the district banks for cooperatives and 33 State agricultural colleges, for 1936-37.

Appendix table 6. - *Estimated membership*[1] *of marketing and farm supply cooperatives for specified periods,*[2] *1915 to 1949-50*

| Period | Marketing | | Farm supply | | Total | |
|---|---|---|---|---|---|---|
| | *Number* | *Percent* | *Number* | *Percent* | *Number* | *Percent* |
| 1915[3] | 591,683 | 90.9 | 59,503 | 9.1 | 651,186 | 100.0 |
| 1925-26 | 2,453,000 | 90.9 | 247,000 | 9.1 | 2,700,000 | 100.0 |
| 1927-28 | 2,602,000 | 86.7 | 398,000 | 13.3 | 3,000,000 | 100.0 |
| 1929-30 | 2,630,000 | 84.8 | 470,000 | 15.2 | 3,100,000 | 100.0 |
| 1930-31 | 2,608,000 | 86.9 | 392,000 | 13.1 | 3,000,000 | 100.0 |
| 1931-32 | 2,667,000 | 83.3 | 533,000 | 16.7 | 3,200,000 | 100.0 |
| 1932-33 | 2,457,300 | 81.9 | 542,700 | 18.1 | 3,000,000 | 100.0 |
| 1933-34 | 2,464,000 | 78.1 | 692,000 | 21.9 | 3,156,000 | 100.0 |
| 1934-35 | 2,490,000 | 75.9 | 790,000 | 24.1 | 3,280,000 | 100.0 |
| 1935-36 | 2,710,000 | 74.0 | 950,000 | 26.0 | 3,660,000 | 100.0 |
| 1936-37[4] | 2,414,000 | 73.8 | 856,000 | 26.2 | 3,270,000 | 100.0 |
| 1937-38 | 2,500,000 | 73.5 | 900,000 | 26.5 | 3,400,000 | 100.0 |
| 1938-39 | 2,410,000 | 73.0 | 890,000 | 27.0 | 3,300,000 | 100.0 |
| 1939-40 | 2,300,000 | 71.9 | 900,000 | 28.1 | 3,200,000 | 100.0 |
| 1940-41 | 2,420,000 | 71.2 | 980,000 | 28.8 | 3,400,000 | 100.0 |
| 1941-42 | 2,430,000 | 67.5 | 1,170,000 | 32.5 | 3,600,000 | 100.0 |
| 1942-43 | 2,580,000 | 67.0 | 1,270,000 | 33.0 | 3,850,000 | 100.0 |
| 1943-44 | 2,730,000 | 64.2 | 1,520,000 | 35.8 | 4,250,000 | 100.0 |
| 1944-45 | 2,895,000 | 64.3 | 1,610,000 | 35.7 | 4,505,000 | 100.0 |
| 1945-46 | 3,150,000 | 62.9 | 1,860,000 | 37.1 | 5,010,000 | 100.0 |
| 1946-47 | 3,378,000 | 62.1 | 2,058,000 | 37.9 | 5,436,000 | 100.0 |
| 1947-48 | 3,630,000 | 61.6 | 2,260,000 | 38.4 | 5,890,000 | 100.0 |
| 1948-49 | 3,973,000 | 62.2 | 2,411,000 | 37.8 | 6,384,000 | 100.0 |
| 1949-50 | 4,075,000 | 61.9 | 2,509,000 | 38.1 | 6,584,000 | 100.0 |

[1] The membership estimates for the years since about 1935 include members, contract members, and shareholders, but do not include patrons not in these categories. (There is some duplication in these membership figures due to the fact that some farmers belong to more than one association.)

[2] Most statistics pertaining to marketing and farm supply cooperatives are now compiled on the basis of the marketing season which includes the period during which the farm products of a specified year are moved into the channels of trade. Marketing seasons overlap.

[3] Compiled from tables in U. S. Dept. Agr. Bul. 547, 82 pp., illus., 1917. See pp. 14-25; and U. S. Dept. Agr. Tech. Bul. 40, 98 pp., illus., 1928. See pp. 70-75.

[4] Estimates are based on data collected by the Farm Credit Administration in cooperation with the banks for cooperatives and 33 State agricultural colleges for 1936-37.

Appendix table 7. - *Estimated business[1] of marketing and farm supply cooperatives for specified periods,[2] 1913 to 1949-50*

| Period | Marketing | | Farm supply | | Total | |
|---|---|---|---|---|---|---|
| | *$1,000* | *Percent* | *$1,000* | *Percent* | *$1,000* | *Percent* |
| 1913[3] | 304,385 | 98.1 | 5,928 | 1.9 | 310,313 | 100.0 |
| 1915[3] | 624,161 | 98.2 | 11,678 | 1.8 | 635,839 | 100.0 |
| 1921 | 1,198,493 | 95.4 | 57,721 | 4.6 | 1,256,214 | 100.0 |
| 1925-26 | 2,265,000 | 94.4 | 135,000 | 5.6 | 2,400,000 | 100.0 |
| 1927-28 | 2,172,000 | 94.4 | 128,000 | 5.6 | 2,300,000 | 100.0 |
| 1929-30 | 2,310,000 | 92.4 | 190,000 | 7.6 | 2,500,000 | 100.0 |
| 1930-31 | 2,185,000 | 91.0 | 215,000 | 9.0 | 2,400,000 | 100.0 |
| 1931-32 | 1,744,000 | 90.6 | 181,000 | 9.4 | 1,925,000 | 100.0 |
| 1932-33 | 1,199,500 | 89.5 | 140,500 | 10.5 | 1,340,000 | 100.0 |
| 1933-34 | 1,213,000 | 88.9 | 152,000 | 11.1 | 1,365,000 | 100.0 |
| 1934-35 | 1,343,000 | 87.8 | 187,000 | 12.2 | 1,530,000 | 100.0 |
| 1935-36 | [4]1,586,000 | 86.2 | [4]254,000 | 13.8 | 1,840,000 | 100.0 |
| 1936-37[5] | [4]1,882,600 | 85.7 | [4]313,400 | 14.3 | 2,196,000 | 100.0 |
| 1937-38 | [4]2,050,000 | 85.4 | [4]350,000 | 14.6 | 2,400,000 | 100.0 |
| 1938-39 | [4]1,765,000 | 84.0 | [4]335,000 | 16.0 | 2,100,000 | 100.0 |
| 1939-40 | [4]1,729,000 | 82.8 | [4]358,000 | 17.2 | 2,087,000 | 100.0 |
| 1940-41 | [4]1,911,000 | 83.8 | [4]369,000 | 16.2 | 2,280,000 | 100.0 |
| 1941-42 | [4]2,360,000 | 83.1 | [4]480,000 | 16.9 | 2,840,000 | 100.0 |
| 1942-43 | [4]3,180,000 | 84.1 | [4]600,000 | 15.9 | 3,780,000 | 100.0 |
| 1943-44 | [4]4,430,000 | 85.9 | [4]730,000 | 14.1 | 5,160,000 | 100.0 |
| 1944-45 | [4]4,835,000 | 85.7 | [4]810,000 | 14.3 | 5,645,000 | 100.0 |
| 1945-46 | [4]5,147,000 | 84.8 | [4]923,000 | 15.2 | 6,070,000 | 100.0 |
| 1946-47 | [4]6,005,000 | 84.4 | [4]1,111,000 | 15.6 | 7,116,000 | 100.0 |
| 1947-48 | [4]7,195,000 | 83.3 | [4]1,440,000 | 16.7 | 8,635,000 | 100.0 |
| 1948-49 | [4]7,700,000 | 82.6 | [4]1,620,000 | 17.4 | 9,320,000 | 100.0 |
| 1949-50 | [4]7,082,600 | 81.2 | [4]1,643,400 | 18.8 | 8,726,000 | 100.0 |

[1]Includes the value of commodities sold or purchased for patrons and the service charges for associations rendering other essential services either in marketing or purchasing.

[2]Most statistics pertaining to marketing and farm supply cooperatives are now compiled on the basis of the marketing season which includes the period during which the farm products of a specified year are moved into the channels of trade. Marketing seasons overlap.

[3]Compiled from tables appearing in U. S. Dept. Agr. Bul. 547, 82 pp., illus., 1917. See pp. 14-25; and U. S. Dept. Agr. Tech. Bul. 40, 98 pp., illus., 1928. See pp. 70-75.

[4]Combining the supply business by all associations the estimated totals are: 1935-36 marketing season, $315,000,000; 1936-37, $313,400,000; 1937-38, $440,000,000; 1938-39, $416,000,000; 1939-40, $448,200,000; 1940-41, $450,000,000; 1941-42, $600,000,000; 1942-43, $750,000,000; 1943-44, $1,010,000,000; 1944-45, $1,095,000,000; 1945-46, $1,220,000,000; 1946-47, $1,452,000,000; 1947-48, $1,822,000,000; 1948-49, $2,022,440,000; 1949-50, $2,233,856,000.

[5]Estimates are based on data collected by the Farm Credit Administration in cooperation with the banks for cooperatives and 33 State agricultural colleges for 1936-37.

Appendix table 8. - *Number of farmers' mutual fire insurance companies, insurance in force, and costs, 1914-61*[1] [2]

| Year | Companies[3] | Amount of insurance in force Dec. 31 | Cost per $100 of insurance | | |
|---|---|---|---|---|---|
| | | | Losses | Expenses | Total |
| | *Number* | *$1,000* | | *Cents* | |
| 1914 | 1,947 | 5,264,119 | 20.4 | 6.0 | 26.4 |
| 1915 | 1,879 | 5,366,760 | 17.5 | 6.0 | 23.5 |
| 1916 | 1,883 | 5,635,968 | 19.6 | 5.9 | 25.5 |
| 1917 | 1,829 | 5,876,853 | 18.2 | 6.4 | 24.6 |
| 1918 | 1,866 | 6,391,522 | 18.8 | 6.3 | 25.1 |
| 1919 | 1,922 | 6,937,523 | 17.3 | 7.8 | 25.1 |
| 1920 | 1,944 | 7,865,988 | 17.4 | 8.4 | 25.8 |
| 1921 | 1,951 | 8,409,683 | 19.4 | 7.8 | 27.2 |
| 1922 | 1,918 | 8,769,948 | 20.9 | 5.8 | 26.7 |
| 1923 | 1,907 | 9,057,938 | 19.8 | 6.6 | 26.4 |
| 1924 | 1,929 | 9,487,029 | 20.4 | 6.5 | 26.9 |
| 1925 | 1,839 | 9,477,139 | 21.1 | 6.7 | 27.8 |
| 1926 | 1,911 | 9,988,580 | 19.4 | 6.9 | 26.3 |
| 1927 | 1,889 | 10,345,463 | 19.0 | 6.3 | 25.3 |
| 1928 | 1,884 | 10,781,212 | 20.5 | 6.6 | 27.1 |
| 1929 | 1,876 | 11,118,510 | 21.8 | 6.6 | 28.4 |
| 1930 | 1,886 | 11,382,104 | 24.8 | 6.8 | 31.6 |
| 1931 | 1,863 | 11,292,339 | 24.1 | 6.9 | 31.0 |
| 1932 | 1,847 | 10,974,082 | 24.9 | 7.1 | 32.0 |
| 1933 | 1,826 | 10,466,384 | 21.2 | 7.3 | 28.5 |
| 1934 | 1,852 | 10,571,508 | 19.7 | 7.2 | 26.9 |
| 1935 | 1,941 | 11,083,300 | 15.7 | 7.5 | 23.2 |
| 1936 | 1,936 | 11,339,510 | 20.7 | 7.4 | 28.1 |
| 1937 | 1,924 | 11,569,476 | 16.5 | 7.6 | 24.1 |
| 1938 | 1,914 | 11,868,569 | 18.0 | 8.0 | 26.0 |
| 1939 | 1,904 | 12,143,881 | 18.4 | 8.2 | 26.6 |
| 1940 | 1,898 | 12,294,287 | 17.1 | 8.1 | 25.2 |
| 1941 | 1,885 | 12,518,913 | 16.2 | 8.4 | 24.6 |
| 1942 | 1,877 | 12,982,390 | 14.6 | 8.1 | 22.7 |
| 1943 | 1,878 | 13,777,555 | 16.2 | 7.7 | 23.9 |
| 1944 | 1,847 | 14,221,012 | 15.9 | 7.8 | 23.7 |
| 1945 | 1,841 | 15,170,456 | 15.6 | 8.0 | 23.6 |
| 1946 | 1,833 | 16,941,434 | 15.8 | 8.8 | 24.6 |
| 1947 | 1,803 | 19,263,745 | 15.8 | 8.5 | 24.3 |
| 1948 | 1,806 | 20,769,410 | 16.4 | 8.7 | 25.1 |
| 1949 | 1,808 | 22,488,417 | 14.0 | 8.3 | 22.3 |
| 1950 | 1,777 | 24,160,742 | 14.6 | 8.4 | 23.0 |
| 1951 | 1,745 | 25,493,692 | 14.1 | 8.0 | 22.1 |
| 1952 | 1,759 | 27,716,145 | 13.8 | 8.2 | 22.0 |
| 1953 | 1,694 | 26,898,393 | 14.3 | 7.3 | 21.6 |
| 1954 | 1,709 | 28,295,428 | 16.7 | 7.5 | 24.2 |
| 1955 | 1,651 | 28,222,975 | 15.9 | 7.5 | 23.4 |
| 1956 | 1,636 | 28,547,955 | 15.9 | 7.9 | 23.8 |
| 1957 | 1,634 | 29,164,350 | 14.7 | 7.9 | 22.6 |
| 1958 | 1,633 | 30,693,815 | 15.5 | 8.3 | 23.8 |
| 1959 | 1,608 | 32,516,186 | 17.3 | 8.5 | 25.8 |
| 1960[4] | 1,592 | 33,932,135 | 16.9 | 8.4 | 25.3 |
| 1961[5] | 1,600 | 35,278,000 | 18.6 | 7.5 | 26.1 |

[1] Data supplied by the Bureau of Agricultural Economics for periods 1914-33 and 1942-52. Data for years 1934-41 supplied by Insurance Section, Cooperative Research and Service Division, FCA, and from 1953 by Farm Economics Division, ERS.
[2] 1914-52 includes companies with more than 65 percent of their insurance on farm property; later years those with more than 50 percent. In recent years between 86 and 88 percent of total insurance has been on farm property.
[3] Number of companies for which data were obtained; perhaps not entirely complete for any year.
[4] Revised.
[5] Preliminary.

Appendix table 9.-*Major types, number, and memberships of farmer cooperatives*

| Type | Year or date of data | Associations | Estimated memberships or participants |
|---|---|---|---|
| Marketing and farm supply: | | | |
| Marketing[1] | 1960-61 | [2]5,727 | 3,473,425 |
| Farm supply[1] | 1960-61 | [3]3,222 | 3,679,675 |
| Miscellaneous services[1 4] | 1960-61 | [5]214 | 49,795 |
| Service: | | | |
| Federal land bank associations[6] | Jan. 1, 1963 | 772 | [7]379,754 |
| Production credit associations[6] | Jan. 1, 1963 | 486 | 527,707 |
| Banks for cooperatives[6] | June 30, 1962 | 13 | [8]3,775,291 |
| Rural credit unions[9] | Jan. 1, 1962 | 682 | 233,054 |
| Rural electric cooperatives[10] | Oct. 1, 1962 | [11]911 | [12]4,718,655 |
| Rural telephone cooperatives[10] | Oct. 1, 1962 | [11]209 | [12]403,878 |
| Rural health cooperatives[13] | June 30, 1962 | 21 | 61,921 |
| Farmers' mutual fire insurance companies[14] | Jan. 1, 1962 | 1,600 | 3,500,000 |
| Production: | | | |
| Mutual irrigation companies[15] | 1959 | 7,729 | 161,679 |
| Dairy herd improvement associations[16] | Jan. 1, 1963 | 1,441 | 68,813 |
| Dairy-cattle artificial breeding associations[16] | Jan. 1, 1963 | [17]39 | [17]591,589 |

[1]Farmer Cooperative Service, Department of Agriculture.
[2]When associations marketing farm products but principally engaged in providing some other services are included, the total is 6,548.
[3]When associations purchasing farm supplies but principally engaged in providing some other services are included, the total is 7,016.
[4]Includes general trucking, storage, grinding, locker plant, and other services.
[5]When associations providing miscellaneous services but principally engaged in marketing or farm supply activities are included, the total is 5,561.
[6]Farm Credit Administration.
[7]Represents the number of Federal Land Bank loans outstanding.
[8]Estimated members of associations borrowing from banks for cooperatives.
[9]Credit Union National Association, Inc., revised.
[10]Rural Electrification Administration, Department of Agriculture.
[11]Includes only associations that are REA borrowers.
[12]Includes only memberships of associations financed by REA.
[13]Social Security Administration, Department of Health, Education and Welfare. Estimate of number of associations in which farmers have controlling interest.
[14]Farmer Cooperative Service, Department of Agriculture estimates.
[15]Preliminary. Bureau of the Census, 1959 Census of Irrigation.
[16]Dairy Husbandry Research Branch, Department of Agriculture.
[17]Number of cooperative bull studs and herds.



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# Other Publications Available

Farmer Cooperatives in the United States, FCS Bulletin 1.

The Story of Farmers' Cooperatives, Educational Circular 1.

Organizing a Farmer Cooperative, FCS Circular 18.

Sizing Up Your Cooperative, Educational Circular 11.

Trends in Growth of Farmer Cooperatives, 1950-60, General Report 110. Kelsey B. Gardner and Anne L. Gessner.

Handbook on Major Regional Cooperatives Handling Farm Production Supplies, 1960 and 1961, General Report 106. J. Warren Mather.

Methods of Financing Farmer Cooperatives, General Report 32. Helim H. Hulbert, Nelda Griffin, and Kelsey B. Gardner.

Management Training Among Farmer Cooperatives, General Report 65. David Volkin and Nelda Griffin.

Mergers for Stronger Cooperatives, Reprint 208.

A copy of each of these publications may be obtained upon request while a supply is available from --

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